

**Pro WS  
TRX50-SAGE  
WIFI**

**ASUS**

**Motherboard**

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# Contents

Safety information.....	iv
About this guide.....	vi
Pro WS TRX50-SAGE WIFI specifications summary .....	ix
Package contents.....	xiii

## Chapter 1: Product Introduction

1.1 Before you proceed .....	1-1
1.2 Motherboard layout.....	1-2
1.3 Motherboard rear and audio connections .....	1-19
1.3.1 Rear I/O connection .....	1-19
1.3.2 Audio I/O connections.....	1-20

## Chapter 2: Basic Setup

2.1 CPU installation.....	2-1
2.2 DIMM installation.....	2-3
2.3 M.2 module installation .....	2-4
2.4 Motherboard installation .....	2-9
2.5 Power connection .....	2-10
2.6 ASUS WiFi Q-Antenna installation .....	2-11
2.7 BIOS FlashBack™.....	2-12
2.8 Starting up for the first time.....	2-13
2.9 Turning off the computer .....	2-13

## Chapter 3: BIOS and RAID Support

3.1 Knowing UEFI BIOS .....	3-1
3.2 ASUS EZ Flash Utility .....	3-2
3.3 ASUS CrashFree BIOS 3.....	3-3
3.4 RAID configurations .....	3-4

## Appendix

Pro WS TRX50-SAGE WIFI block diagram .....	A-1
General Notices .....	A-2
Notices for Wi-Fi model .....	A-5
Warranty.....	A-13
ASUS contact information.....	A-15
Service and Support .....	A-15
Product Register .....	A-15

# Safety information

## Electrical safety


- To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system.
- When adding or removing devices to or from the system, ensure that the power cables for the devices are unplugged before the signal cables are connected. If possible, disconnect all power cables from the existing system before you add a device.
- Before connecting or removing signal cables from the motherboard, ensure that all power cables are unplugged.
- Seek professional assistance before using an adapter or extension cord. These devices could interrupt the grounding circuit.
- Ensure that your power supply is set to the correct voltage in your area. If you are not sure about the voltage of the electrical outlet you are using, contact your local power company.
- If the power supply is broken, do not try to fix it by yourself. Contact a qualified service technician or your retailer.

## Operation safety

- Before installing the motherboard and adding devices on it, carefully read all the manuals that came with the package.
- Before using the product, ensure all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact your dealer immediately.
- To avoid short circuits, keep paper clips, screws, and staples away from connectors, slots, sockets and circuitry.
- Avoid dust, humidity, and temperature extremes. Do not place the product in any area where it may become wet.
- Place the product on a stable surface.
- If you encounter technical problems with the product, contact a qualified service technician or your retailer.
- Your motherboard should only be used in environments with ambient temperatures between 10°C and 35°C.

## Button/Coin Batteries Safety Information

1. Remove and immediately recycle or dispose of used batteries according to local regulations and keep out of reach of children. Do not incinerate or dispose of batteries in household trash.
2. If ingested or inserted inside any part of the body, call a local poison control center for treatment information. Even used batteries may cause serious injury or death.
3. This product uses CR2032 type batteries with a nominal voltage of 3V.
4. Do not attempt to recharge non-rechargeable batteries.
5. Do not forcibly discharge, recharge, disassemble, heat above the battery manufacturer's specified temperature rating, or incinerate. Doing so may result in injury or chemical burns caused by venting, leakage, or explosion.
6. This product contains non-replaceable batteries.

<b>⚠ WARNING</b>	
<ul style="list-style-type: none"><li>• <b>INGESTION HAZARD:</b> This product contains a button cell or coin battery.</li><li>• <b>DEATH</b> or serious injury can occur if ingested.</li><li>• A swallowed button cell or coin battery can cause <b>Internal Chemical Burns</b> in as little as <b>2 hours</b>.</li><li>• <b>KEEP</b> new and used batteries <b>OUT OF REACH of CHILDREN</b>.</li><li>• <b>Seek immediate medical attention</b> if a battery is suspected to be swallowed or inserted inside any part of the body.</li></ul>	

## About this guide

This user guide contains the information you need when installing and configuring the motherboard.



## How this guide is organized

This guide contains the following parts:

- **Chapter 1: Product Introduction**  
This chapter describes the features of the motherboard and includes descriptions for each part of the motherboard.
- **Chapter 2: Basic Setup**  
This chapter lists the basic setup procedures for setting up your motherboard.
- **Chapter 3: BIOS and RAID Support**  
This chapter tells how to boot into the BIOS, upgrade BIOS using the EZ Flash Utility and support on RAID.

## Where to find more information

Refer to the following sources for additional information and for product and software updates.

1. **ASUS website**  
The ASUS website ([www.asus.com](http://www.asus.com)) provides updated information on ASUS hardware and software products.
  2. **Optional documentation**  
Your product package may include optional documentation, such as warranty flyers, that may have been added by your dealer. These documents are not part of the standard package.
  3. **Motherboard Installation Guide**  
Please visit <https://www.asus.com/support> for more information on the Motherboard Installation Guide.
- 
4. **Driver and Utilities FAQ**  
Please visit <https://www.asus.com/support> for more information on downloading and installing drivers and utilities for your motherboard.
- 

**5. RAID Configuration Guide**

Please visit <https://www.asus.com/support> for more information on the RAID Configuration Guide. Please visit the AMD website for the latest information on RAID configurations.



**6. BIOS FlashBack™ Feature**

Please visit <https://www.asus.com/support> for more information on the BIOS FlashBack™ Feature.



## Conventions used in this guide

To ensure that you perform certain tasks properly, take note of the following symbols used throughout this user guide.



**CAUTION:** Information to prevent damage to the components and injuries to yourself when trying to complete a task.



**IMPORTANT:** Instructions that you **MUST** follow to complete a task.



**NOTE:** Tips and additional information to help you complete a task.

## Pro WS TRX50-SAGE WIFI specifications summary

<b>CPU</b>	<p>AMD Socket sTR5 for Ryzen™ Threadripper™ PRO 7000 WX-Series and Ryzen™ Threadripper™ 7000 Series Processors*</p> <p>* Refer to <a href="http://www.asus.com">www.asus.com</a> for CPU support list.</p>
<b>Chipset</b>	AMD TRX50 Chipset
<b>Memory</b>	<p>4 x DIMM slots, DDR5, ECC Registered Memory*</p> <p>4 Channel Memory Architecture</p> <p>* Supported memory types, data rate (speed), and number of DRAM modules vary depending on the CPU and memory configuration, for more information please refer to CPU/Memory Support list under the Support tab of product information site or visit <a href="https://www.asus.com/support/">https://www.asus.com/support/</a>.</p>
<b>Expansion Slots</b>	<p><b>AMD Ryzen™ Threadripper™ PRO 7000 WX-Series and Ryzen™ Threadripper™ 7000 Series Processors</b></p> <p>2 x PCIe 5.0 x16 slots</p> <p>1 x PCIe 5.0 x16 slot(x8 mode)</p> <p>1 x PCIe 4.0 x16 slot</p> <p>1 x PCIe 4.0 x16 slot(x4 mode)</p> <p>* Please check PCIe bifurcation table on support site (<a href="https://www.asus.com/support/FAQ/1037507/">https://www.asus.com/support/FAQ/1037507/</a>).</p>
<b>Storage</b>	<p><b>Supports 3 x M.2 slots, 1 x SlimSAS port, 4 x SATA 6Gb/s ports</b></p> <p><b>AMD Ryzen™ Threadripper™ PRO 7000 WX-Series and Ryzen™ Threadripper™ 7000 Series Processors</b></p> <p>- M.2_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)</p> <p>- M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)</p> <p><b>AMD TRX50 Chipset</b></p> <p>- M.2_3 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)</p> <p>- 4 x SATA 6Gb/s ports</p> <p>- 1 x SlimSAS slot supports PCIe 4.0 x4 mode NVMe device</p> <p>* AMD RAIDxpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1/5/10. Please visit the AMD website for the latest information on RAID configurations.</p>
<b>Ethernet</b>	<p>1 x Marvell® AQtion 10Gb Ethernet</p> <p>1 x Intel® 2.5Gb Ethernet</p>
<b>Wireless &amp; Bluetooth®</b>	<p><b>Wi-Fi 7*</b></p> <p>2x2 Wi-Fi 7 (802.11be)**</p> <p>Supports 2.4/5/6GHz frequency band***</p> <p>Support Wi-Fi 7 160MHz bandwidth, up to 2.8Gbps transfer rate.</p> <p>Bluetooth® v5.4****</p> <p>* Compatible with Windows 11 or later.</p> <p>** Wi-Fi 7 MLO(Multi-link Operation) full functions support will be ready in Windows 11 2024 Platform (Windows 11 24H2) or later.</p> <p>*** Wi-Fi 6GHz frequency band and bandwidth regulatory may vary between countries.</p> <p>**** The Bluetooth® version may vary, please refer to the Wi-Fi module manufacturer's website for the latest specifications.</p>

(continued on the next page)

## Pro WS TRX50-SAGE WIFI specifications summary

<p><b>USB</b></p>	<p><b>Rear USB (Total 9 ports)</b>            1 x USB 20Gbps port (1 x USB Type-C®)            6 x USB 10Gbps ports (6 x Type-A)            2 x USB 2.0 ports (2 x Type-A)</p> <p><b>Front USB (Total 7 ports)</b>            1 x USB 20Gbps connector (supports USB Type-C® with up to 27W PD/QC4+)            1 x USB 5Gbps header supports 2 additional USB 5Gbps ports            2 x USB 2.0 headers support 4 additional USB 2.0 ports</p>
<p><b>Audio</b></p>	<p><b>Realtek ALC1220P Surround Sound High Definition Audio CODEC*</b></p> <ul style="list-style-type: none"> <li>- Impedance sense for front and rear headphone outputs</li> <li>- Internal audio Amplifier to enhance the highest quality sound for headphone and speakers</li> <li>- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking</li> <li>- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input (Line-in)</li> <li>- Supports up to 32-Bit/192 kHz playback*</li> </ul> <p><b>Audio Features</b></p> <ul style="list-style-type: none"> <li>- Audio Shielding</li> <li>- Rear optical S/PDIF out port</li> <li>- Dedicated audio PCB layers</li> <li>- Unique de-pop circuit</li> </ul> <p>* A chassis with an HD audio module in the front panel is required to support 5.1 Surround Sound audio output.            * This motherboard will only support up to 5.1 Surround Sound due to the number of audio ports available on this motherboard,</p>
<p><b>Back Panel I/O Ports</b></p>	<p>1 x USB 20Gbps port (1 x USB Type-C®)            6 x USB 10Gbps ports (6 x Type-A)            2 x USB 2.0 port (2 x Type-A)            1 x Wi-Fi Module            1 x Marvell® AQtion 10Gb Ethernet port            1 x Intel® 2.5Gb Ethernet port            2 x Audio jacks            1 x Optical S/PDIF out port            1 x BIOS FlashBack™ button            1 x Clear CMOS button</p>
<p><b>Internal I/O Connectors</b></p>	<p><b>Fan and Cooling related</b>            1 x 4-pin CPU Fan header            1 x 4-pin CPU OPT Fan header            1 x W_PUMP+ header            4 x 4-pin Chassis Fan headers            2 x 4-pin VRM Heatsink Fan header (with VRM FAN onboard)</p>

*(continued on the next page)*

# Pro WS TRX50-SAGE WIFI specifications summary

<p><b>Internal I/O connectors</b></p>	<p><b>Power related</b></p> <ul style="list-style-type: none"> <li>2 x 24-pin Main Power connectors</li> <li>2 x 8-pin +12V Power connectors</li> <li>2 x 8-pin PCIe to CPU power connectors</li> <li>1 x 6-pin PCIe Power connector</li> <li>1 x 8-pin PCIe Power connector</li> </ul> <p><b>Storage related</b></p> <ul style="list-style-type: none"> <li>3 x M.2 slots (Key M)</li> <li>4 x SATA 6Gb/s ports</li> <li>1 x SlimSAS port</li> </ul> <p><b>USB</b></p> <ul style="list-style-type: none"> <li>1 x USB 20Gbps connector supports USB Type-C®</li> <li>1 x USB 5Gbps header supports 2 additional USB 5Gbps ports</li> <li>2 x USB 2.0 headers support 4 additional USB 2.0 ports</li> </ul> <p><b>Miscellaneous</b></p> <ul style="list-style-type: none"> <li>1 x BMC header</li> <li>1 x COM Port header</li> <li>1 x USB4® header</li> <li>1 x FlexKey button</li> <li>1 x Front Panel Audio header (F_AUDIO)</li> <li>7 x Probelit Measurement Points</li> <li>1 x Start button</li> <li>1 x Safe Boot button</li> <li>1 x ReTry button</li> <li>1 x LN2 Mode jumper</li> <li>1 x Slow Mode switch</li> <li>1 x SPI TPM header (14-1pin)</li> <li>1 x 10-1 pin System Panel header</li> <li>1 x Chassis Intrusion header</li> <li>1 x Thermal Sensor header</li> </ul>
<p><b>Special Features</b></p>	<p><b>ASUS Q-Design</b></p> <ul style="list-style-type: none"> <li>- Q-Code</li> <li>- M.2 Q-Latch</li> <li>- Q-Connector</li> <li>- Q-DIMM</li> <li>- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])</li> <li>- Q-Slot</li> </ul> <p><b>ASUS Thermal Solution</b></p> <ul style="list-style-type: none"> <li>- M.2 heatsink and onboard thermal pads</li> <li>- VRM heatsink design with active fans</li> </ul>

*(continued on the next page)*

## Pro WS TRX50-SAGE WIFI specifications summary

<b>Special Features</b>	<b>ASUS EZ DIY</b> <ul style="list-style-type: none"> <li>- BIOS FlashBack™ button</li> <li>- BIOS FlashBack™ LED</li> <li>- Clear CMOS button</li> <li>- ProCool II</li> <li>- Pre-mounted I/O shield</li> <li>- SafeSlot</li> <li>- SafeDIMM</li> </ul> <b>Bespoke Motherboard Design &amp; Business Focused Features</b> <ul style="list-style-type: none"> <li>- 24/7 Reliability</li> <li>- Overcurrent Protection</li> </ul>
<b>Software Features</b>	<b>ASUS Exclusive Software</b> Armoury Crate <ul style="list-style-type: none"> <li>- Fan Xpert 4</li> </ul> ASUS CPU-Z IT Management software supported <ul style="list-style-type: none"> <li>- ASUS Control Center Express(ACCE)</li> </ul> Adobe Creative Cloud (Free Trial) Norton 360 Deluxe (60 Days Free Trial) WinRAR (40 Days Free Trial) <b>UEFI BIOS</b> ASUS EZ DIY <ul style="list-style-type: none"> <li>- ASUS CrashFree BIOS 3</li> <li>- ASUSTeK, EzFlash Utility</li> </ul> FlexKey
<b>BIOS</b>	256 Mb Flash ROM, UEFI AMI BIOS
<b>BIOS CAP Filename</b>	<b>Pro WS TRX50-SAGE WIFI: A5497.CAP</b>
<b>Manageability</b>	WOL by PME, PXE (UEFI mode)
<b>Operating System</b>	Windows® 11
<b>Form Factor</b>	CEB Form Factor 12 inch x 11 inch (30.5 cm x 28.0 cm)



Specifications are subject to change without notice. Please refer to the ASUS website for the latest specifications.

## Package contents

Check your motherboard package for the following items.

Motherboard	Pro WS TRX50-SAGE WIFI motherboard
Cables	2 x SATA 6Gb/s cables
	1 x Thermistor cable pack
	1 x CPU 8-pin to PCIe 8-pin adapter cable package
Miscellaneous	1 x ASUS WiFi Q-Antenna
	1 x M.2 Q-Latch package(2 in 1)
	2 x M.2 Rubber Packages
	1 x Q-connector
Documentation	1 x ACC Express Activation Key Card
	1 x Quick start guide



- If any of the above items is damaged or missing, contact your retailer.
- Items not listed in the Package contents list above are purchased separately and do not come bundled with your motherboard package.



# Product Introduction

# 1

## 1.1 Before you proceed

Take note of the following precautions before you install motherboard components or change any motherboard settings.

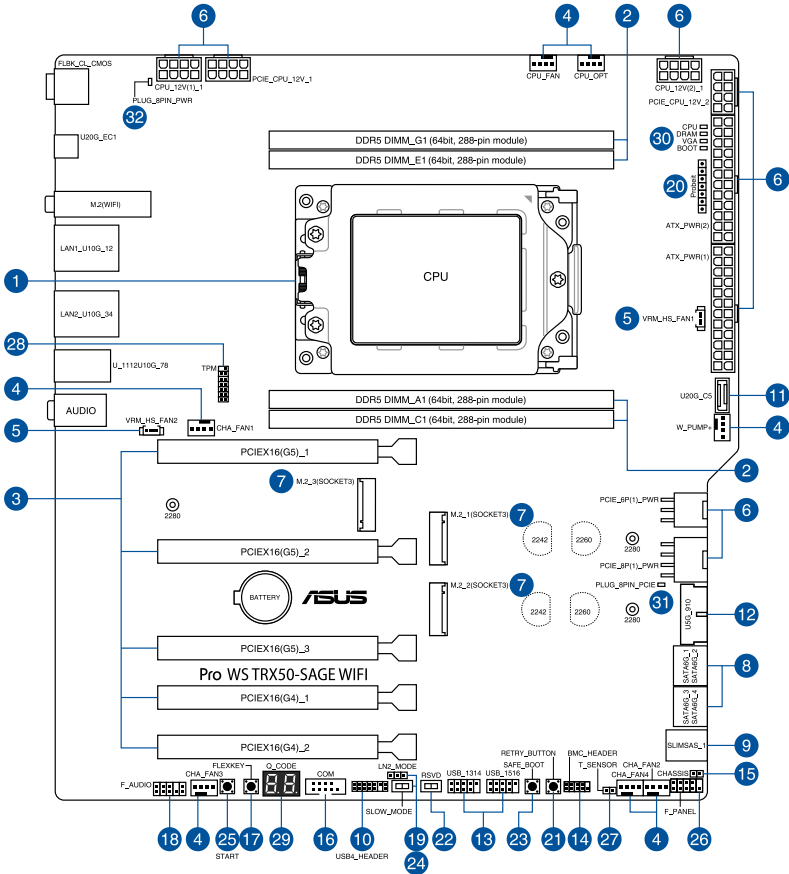


- 
- Unplug the power cord from the wall socket before touching any component.
  - Before handling components, use a grounded wrist strap or touch a safely grounded object or a metal object, such as the power supply case, to avoid damaging them due to static electricity.
  - Hold components by the edges to avoid touching the ICs on them.
  - Whenever you uninstall any component, place it on a grounded antistatic pad or in the bag that came with the component.
  - Before you install or remove any component, ensure that the power supply is switched off or the power cord is detached from the power supply. Failure to do so may cause severe damage to the motherboard, peripherals, or components.
- 



- 
- The pin definitions in this chapter are for reference only. The pin names depend on the location of the header/jumper/connector.
  - The illustrations for this chapter are for reference only. The WiFi module is only available on selected models.
-

## 1.2 Motherboard layout

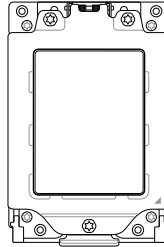


Layout contents	Page
1. CPU socket	1-4
2. DIMM slots	1-5
3. Expansion slots	1-6
4. Fan and Pump headers	1-8
5. VRM Heatsink Fan header	1-8
6. Power connectors	1-9
7. M.2 slot	1-10
8. SATA 6Gb/s port	1-10
9. SlimSAS port	1-11
10. USB4® header	1-11
11. USB 20Gbps Type-C® Front Panel connector	1-11
12. USB 5Gbps header	1-11
13. USB 2.0 header	1-12
14. BMC header	1-12
15. Chassis Intrusion header	1-12
16. COM Port header	1-13
17. FlexKey button	1-13
18. Front Panel Audio header	1-13
19. LN2 Mode jumper	1-13
20. Probelit Measurement Points	1-14
21. ReTry button	1-15
22. RSVD switch	1-15
23. Safe Boot button	1-15
24. Slow Mode switch	1-15
25. Start button	1-16
26. System Panel header	1-16
27. Thermal Sensor header	1-16
28. TPM header	1-17
29. Q-Code LED	1-17
30. Q-LEDs	1-17
31. 8-pin PCIe Power Plug LED	1-18
32. 8-pin Power Plug LED	1-18

## 1. CPU socket

The motherboard comes with a Socket sTR5 for AMD Ryzen™ Threadripper™ PRO 7000 WX-Series and Ryzen™ Threadripper™ 7000 Series Processors.

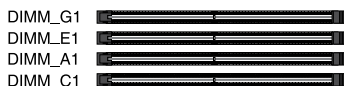
Socket sTR5



- The Socket sTR5 has a different pinout design. Ensure that you use a CPU designed for the Socket sTR5 socket.
- The CPU fits in only one correct orientation. **DO NOT** force the CPU into the socket to prevent bending the connectors on the socket and damaging the CPU.
- Ensure that all power cables are unplugged before installing the CPU.
- Upon purchase of the motherboard, ensure that the PnP cap is on the socket and the socket contacts are not bent. Contact your retailer immediately if the PnP cap is missing, or if you see any damage to the PnP cap/socket contacts/motherboard components. ASUS will shoulder the cost of repair only if the damage is shipment/transit-related.
- Keep the cap after installing the motherboard. ASUS will process Return Merchandise Authorization (RMA) requests only if the motherboard comes with the cap on the socket.
- The product warranty does not cover damage to the socket contacts resulting from incorrect CPU installation/removal, or misplacement/loss/incorrect removal of the PnP cap.

## 2. DIMM slots

The motherboard comes with Dual Inline Memory Modules (DIMM) slots designed for DDR5 (Double Data Rate 5) memory modules.



A DDR5 memory module is notched differently from a DDR, DDR2, DDR3, or DDR4 module. DO NOT install a DDR, DDR2, DDR3, or DDR4 memory module to the DDR5 slot.

### Recommended memory configurations

Slot	A1	C1	E1	G1
1-DIMM	V			
2-DIMM	V		V	
4-DIMM	V	V	V	V

### Memory configurations

You may install ECC registered DDR5 DIMMs into the DIMM sockets.



- AMD Ryzen™ processors support ECC registered memory.
- The default memory operation frequency is dependent on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value.
- For system stability, use a more efficient memory cooling system to support a full memory load or overclocking condition.
- Always install the DIMMS with the same CAS Latency. For an optimum compatibility, we recommend that you install memory modules of the same version or data code (D/C) from the same vendor. Check with the vendor to get the correct memory modules.
- Visit the ASUS website for the latest QVL.

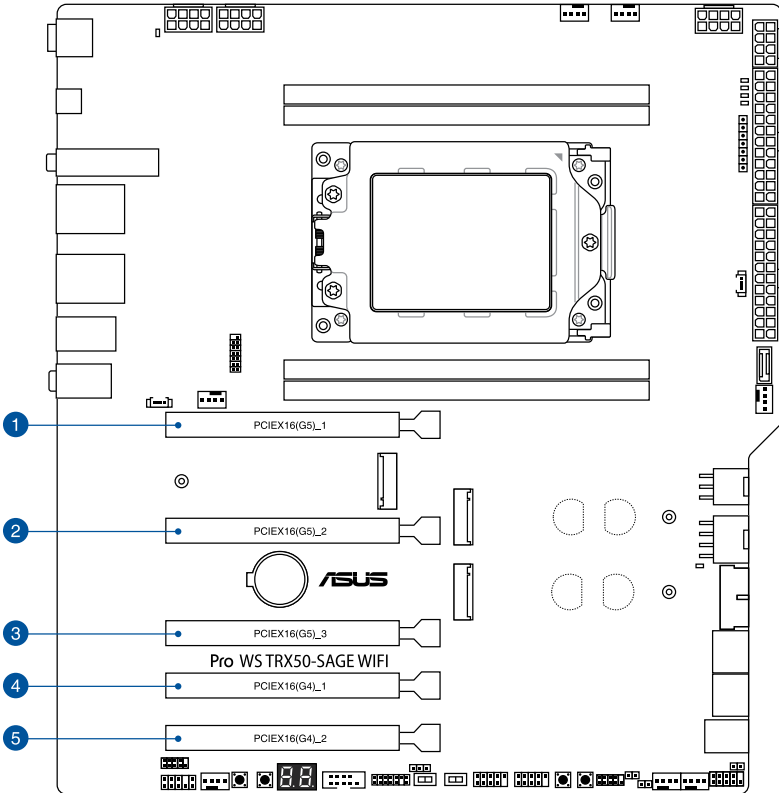
### 3. Expansion slots



Unplug the power cord before adding or removing expansion cards. Failure to do so may cause you physical injury and damage motherboard components.



To install a PCIe expansion card, please refer to the **Motherboard Installation Guide** on the ASUS support site.



Please refer to the following tables for the recommended VGA configuration and PCIe bifurcation configuration.

## Recommended VGA configuration

Slot	Description	Single VGA	Dual VGA	3-way VGA	4-way VGA
1	PCIEX16(G5)_1	V	V	V	V
2	PCIEX16(G5)_2		V	V	V
3	PCIEX16(G5)_3			V	V
5	PCIEX16(G4)_2				V



Connect a chassis fan to the chassis fan connectors when using multiple graphics cards for better thermal environment.



When installing a dual VGA card, we recommend selecting a chassis case which supports 7 or more expansion slots

## PCIe bifurcation & M.2 settings in PCIe x16 slots (from CPU)

Slot	Description	Quantity of identifiable Intel M.2 SSD (pcs)
1	PCIEX16(G5)_1	4 (x4+x4+x4+x4)
2	PCIEX16(G5)_2	4 (x4+x4+x4+x4)
3	PCIEX16(G5)_3	2 (x4+x4)
4	PCIEX16(G4)_1	1 (x4)
5	PCIEX16(G4)_2	4 (x4+x4+x4+x4)



- Additional PCIe bifurcation and M.2 settings for RAID function are also supported when a Hyper M.2 x16 series card is installed.
- For full details on the PCIe bifurcation, you may visit the support site at <https://www.asus.com/support/FAQ/1037507/>.
- The Hyper M.2 X16 series card is sold separately.
- Adjust the PCIe bifurcation under BIOS settings.

## 4. Fan and Pump headers

The Fan and Pump headers allow you to connect fans or pumps to cool the system.

CPU_FAN	CHA_FAN3	
CPU_OPT	CHA_FAN4	
CHA_FAN1	W_PUMP+	
CHA_FAN2		



- DO NOT forget to connect the fan cables to the fan headers. Insufficient air flow inside the system may damage the motherboard components. These are not jumpers! Do not place jumper caps on the fan headers!
- Ensure the cable is fully inserted into the header.



- For water cooling kits, connect the pump connector to the **W\_PUMP+** header.



- When connecting a single CPU fan, you may connect it to either the **CPU\_FAN** or **CPU\_OPT** header.
- When connecting two CPU fans, ensure to connect the fans to the **CPU\_FAN** and the **CPU\_OPT** header, and make sure both fans are the same brand and model.
- **W\_PUMP+** function support depends on water cooling device.

## 5. VRM Heatsink fan header

The VRM Heatsink fan header is for connecting the VRM Heatsink fan on the integrated heatsink.

VRM_HS_FAN1	
VRM_HS_FAN2	

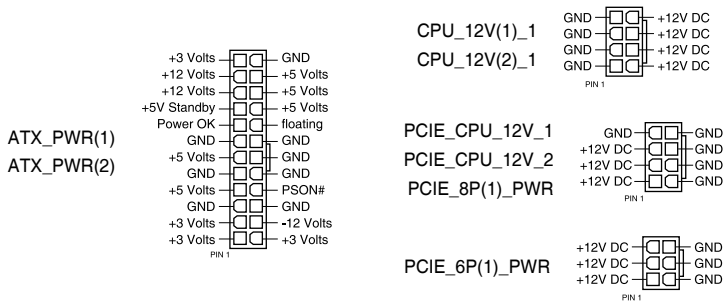


The VRM Heatsink fan header is pre-connected to the onboard VRM Heatsink fan.

Header	Max. Current	Max. Power	Default Speed	Shared Control
CPU_FAN	3A	36W	Q-Fan Controlled	A
CPU_OPT	3A	36W	Q-Fan Controlled	A
CHA_FAN1	3A	36W	Q-Fan Controlled	-
CHA_FAN2	3A	36W	Q-Fan Controlled	-
CHA_FAN3	3A	36W	Q-Fan Controlled	-
CHA_FAN4	3A	36W	Q-Fan Controlled	-
W_PUMP+	3A	36W	Full Speed	-

## 6. Power connectors

These Power connectors allow you to connect your motherboard to a power supply. The power supply plugs are designed to fit in only one orientation, find the proper orientation and push down firmly until the power supply plugs are fully inserted.



The recommended installation for a single and for double PSUs will differ, please refer to the **ATX power connection** section for more information.



- We recommend that you use a PSU with a higher power output when configuring a system with more power-consuming devices. The system may become unstable or may not boot up if the power is inadequate.
- If you want to use two or more high-end PCI Express x16 cards, we recommend using a PSU with 900W~1200W power or above to ensure the system stability.
- Input: AC 100~240V, 6A/3A, 50/60Hz.

## 7. M.2 slot

The M.2 slot allows you to install M.2 devices such as M.2 SSD modules.

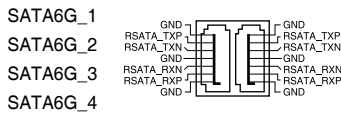
M.2\_1(SOCKET3)  
M.2\_2(SOCKET3)  
M.2\_3(SOCKET3)



- **AMD Ryzen™ Threadripper™ PRO 7000 WX-Series and Ryzen™ Threadripper™ 7000 Series Processors**
  - M.2\_1 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)
  - M.2\_2 slot (Key M), type 2242/2260/2280 (supports PCIe 5.0 x4 mode)
- **AMD TRX50 Chipset**
  - M.2\_3 slot (Key M), type 2280 (supports PCIe 4.0 x4 mode)
- AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1/5/10. Please visit the AMD website for the latest information on RAID configurations.

## 8. SATA 6Gb/s connector


The SATA 6Gb/s connector allows you to connect SATA devices such as optical disc drives and hard disk drives via a SATA cable.



- If you installed SATA storage devices to the **SATA6G\_1-4** ports, you can create a RAID 0, 1, and 10 configuration through the onboard AMD TRX50 chipset.
- AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1/5/10. Please visit the AMD website for the latest information on RAID configurations.
- To install a SATA device, please refer to the **Motherboard Installation Guide** on the ASUS support site.
- Before creating a RAID set, refer to the **RAID Configuration Guide**. You can download the **RAID Configuration Guide** from the ASUS website.

## 9. SlimSAS port

The SlimSAS port allows you to connect NVMe storage devices.

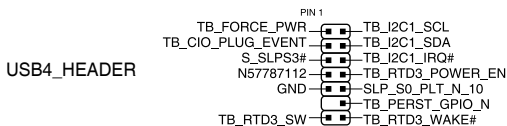
SLIMSAS\_1 



- SlimSAS\_1 slot supports PCIe 4.0 x4 mode NVMe device.
- AMD RAIDXpert2 Technology supports both PCIe RAID 0/1/5/10 and SATA RAID 0/1/5/10. Please visit the AMD website for the latest information on RAID configurations.

## 10. USB4® header

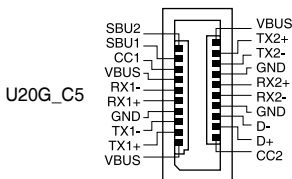
The USB4® header allows you to connect the USB4 PCIE GEN4 CARD.



The USB4 PCIE GEN4 CARD can only be used when installed to the PCIE16(G4)\_1 slot. Ensure to install your USB4 PCIE GEN4 CARD card to the PCIE16(G4)\_1 slot.

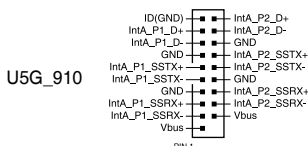
## 11. USB 20Gbps Type-C® Front Panel connector

The USB 20Gbps Type-C® connector allows you to connect a USB 20Gbps Type-C® module for additional USB 20Gbps ports on the front panel.



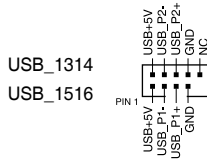
## 12. USB 5Gbps header

The USB 5Gbps header allows you to connect a USB 5Gbps module for additional USB 5Gbps ports. The USB 5Gbps header provides data transfer speeds of up to 5 Gb/s.



### 13. USB 2.0 header

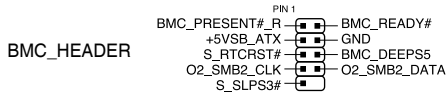
The USB 2.0 header allows you to connect a USB module for additional USB 2.0 ports. The USB 2.0 header provides data transfer speeds of up to 480 Mb/s.



DO NOT connect a 1394 cable to the USB connectors. Doing so will damage the motherboard!

### 14. BMC header

The BMC header allows you to connect and support an IPMI card.



For more information on the installation and information regarding the IPMI card, please visit [www.asus.com](http://www.asus.com).

### 15. Chassis Intrusion header

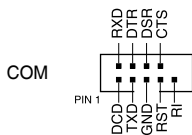
The Chassis Intrusion header allows you to connect a intrusion sensor or microswitch for the chassis intrusion detection feature. When you remove any chassis component, the sensor or microswitch triggers and sends a high level signal and records a chassis intrusion event.



By default, a jumper cap that disables the intrusion detection feature is installed on the header to prevent accidental triggers.

## 16. COM Port connector

The COM (Serial) Port connector allows you to connect a COM port module. Connect the COM port module cable to this connector, then install the module to a slot opening on the system chassis.



## 17. FlexKey button (Reset)

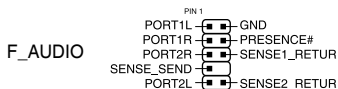
Press the FlexKey button to reboot the system. You may also configure the button and assign a quick access feature such as activating Safe Boot to the button.

FLEXKEY



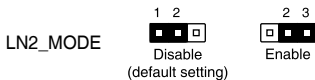
## 18. Front Panel Audio header

The Front Panel Audio header is for a chassis-mounted front panel audio I/O module that supports HD Audio. Connect one end of the front panel audio I/O module cable to this header.



## 19. LN2 Mode jumper

Set to pins 2-3 to optimize the motherboard to remedy the cold-boot bug during POST and help the system boot successfully.



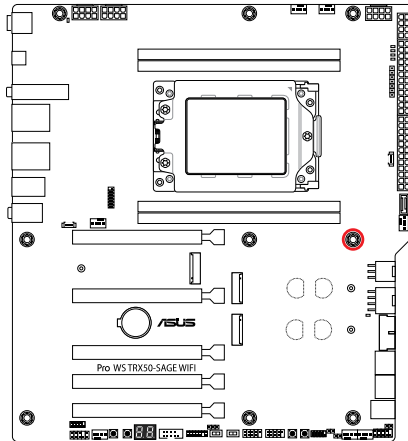
## 20. Probelts Measurement Points

The Probelts allows you to detect your system's current voltage and OC settings using a multimeter. You can also measure the Probelts points during overclocking.

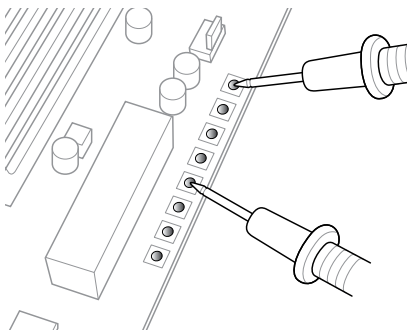
Probelts	● VSOC
	● VDDIO
	● VCORE_1
	● VDD_11
	● VCORE_0
	● V18
	● ALW18
	●

### Using Probelts

Connect one of the probes onto the **GND** point on the motherboard. The **GND** point is the screw hole located in the illustration below:



Then connect the other probe onto another Probelts point to measure the corresponding voltage information.



The illustration above is for reference only, the actual motherboard layout and measure points may differ by model.

## 21. ReTry button

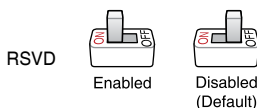
The ReTry button is specially designed for overclockers and is most useful during the booting process where the Reset button is rendered useless. Press this button to force the system to reboot while retaining the same settings to be retried in quick succession to achieve a successful POST.

RETRY\_BUTTON



## 22. RSVD switch

The RSVD switch is reserved for ASUS-authorized technicians only.



Please ensure the RSVD switch is set to **Disabled**. Setting this switch to **Enabled** may result in damages to your system.

## 23. Safe Boot button

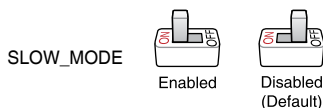
The Safe Boot button temporarily applies safe settings to the BIOS while retaining the overclocked settings, allowing you to modify the settings causing a boot failure. Press this button at anytime to force the system to reboot into the BIOS safe mode.

SAFE\_BOOT



## 24. Slow Mode switch

The system may crash due to the CPU being unstable when using extreme overclocking settings. Enable the Slow Mode switch during LN2 benching to decrease the processor frequency and stabilize the system, allowing you to keep track of the overclocking data.



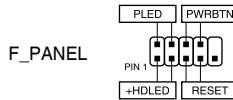
## 25. Start button

Press the Power button to power up the system, or put the system into sleep or soft-off mode (depending on the operating system settings).



## 26. System Panel header

The System Panel header supports several chassis-mounted functions.



- **System Power LED header (PLED)**

The 2-pin header allows you to connect the System Power LED. The System Power LED lights up when the system is connected to a power source, or when you turn on the system power, and blinks when the system is in sleep mode.

- **Storage Device Activity LED header (HDLED)**

The 2-pin header allows you to connect the Storage Device Activity LED. The Storage Device Activity LED lights up or blinks when data is read from or written to the storage device or storage device add-on card.

- **Power Button/Soft-off Button header (PWRBTN)**

The 3-1 pin header allows you to connect the system power button. Press the power button to power up the system, or put the system into sleep or soft-off mode (depending on the operating system settings).

- **Reset button header (RESET)**

The 2-pin header allows you to connect the chassis-mounted reset button. Press the reset button to reboot the system.




---

This header is set to **[Reset]** by default. You can assign a different function to this header in the BIOS settings.

---

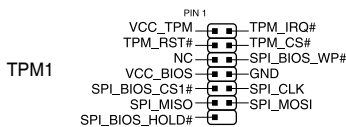
## 27. Thermal Sensor header

The Thermal Sensor header allows you to connect a sensor to monitor the temperature of the devices and the critical components inside the motherboard. Connect the thermal sensor and place it on the device or the motherboard's component to detect its temperature.



## 28. TPM header

The TPM header allows you to connect a TPM module, which securely stores keys, digital certificates, passwords, and data. A TPM system also helps enhance network security, protect digital identities, and ensures platform integrity.



## 29. Q-Code LED

The Q-Code LED design provides you with a 2-digit error code that displays the system status.



- The Q-Code LEDs provide the most probable cause of an error code as a starting point for troubleshooting. The actual cause may vary from case to case.
- Please refer to the Q-Code table in the **Appendix** section for more details.

## 30. Q-LEDs

The Q-LEDs check key components (CPU, DRAM, VGA, and booting devices) during the motherboard booting process. If an error is found, the critical component's LED stays lit up until the problem is solved.

CPU (RED)	<input type="checkbox"/>
DRAM (YELLOW)	<input type="checkbox"/>
VGA (WHITE)	<input type="checkbox"/>
BOOT (YELLOW GREEN)	<input type="checkbox"/>



- The Q-LEDs provide the most probable cause of an error code as a starting point for troubleshooting. The actual cause may vary from case to case.
- The DRAM LED will detect if the memory modules have been installed in the recommended memory configuration slots as well as if the memory modules have been properly installed and seated in the memory slots once the motherboard is connected to a power supply. After the motherboard has been powered on, the DRAM LED will return to the original error checking procedure, regardless of the LED status prior to powering on.

### 31. 8-pin PCIe Power Plug LED

The 8-pin PCIe Power Plug LED lights up to indicate if the 8-pin power plug **PCIE\_8P(1)\_PWR** is not connected.

PLUG\_8PIN\_PCIE

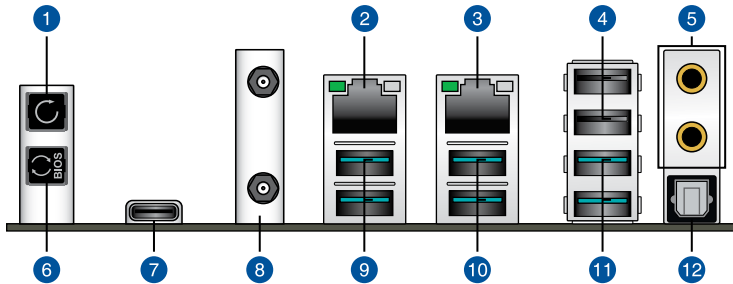
### 32. 8-pin Power Plug LED

The 8-pin Power Plug LED lights up to indicate that the 8-pin power plug is not connected.

PLUG\_8PIN\_PWR

## 1.3 Motherboard rear and audio connections

### 1.3.1 Rear I/O connection



#### Rear panel connectors

- |     |                                                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Clear CMOS button (CLR_CMOS). Press this button to clear the BIOS setup information only when the systems hangs due to overlocking. |
| 2.  | Intel® 2.5Gb Ethernet port*                                                                                                         |
| 3.  | Marvell® AQtion 10Gb Ethernet port*                                                                                                 |
| 4.  | USB 2.0 ports 11 and 12                                                                                                             |
| 5.  | Gold-plated audio jacks**                                                                                                           |
| 6.  | BIOS FlashBack™ button                                                                                                              |
| 7.  | USB 20Gbps Type-C® port EC1                                                                                                         |
| 8.  | Wi-Fi module                                                                                                                        |
| 9.  | USB 10Gbps (Teal blue) Type-A ports 1 and 2                                                                                         |
| 10. | USB 10Gbps (Teal blue) Type-A ports 3 and 4                                                                                         |
| 11. | USB 10Gbps (Teal blue) Type-A ports 7 and 8                                                                                         |
| 12. | Optical S/PDIF OUT port                                                                                                             |

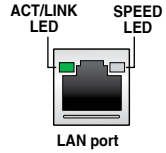
\* and \*\*: Refer to the tables on the next page for LAN port LEDs, and audio port definitions.



We strongly recommend that you connect your devices to ports with matching data transfer rate. For example connecting your USB 5Gbps devices to USB 5Gbps ports for faster and better performance for your devices.

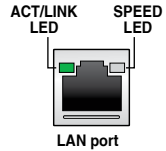
### \* Intel® 2.5Gb Ethernet port LED indications

Activity Link LED		Speed LED	
Status	Description	Status	Description
OFF	No link	OFF	No link
GREEN	Linked	OFF	100 Mbps / 10 Mbps connection
BLINKING	Data activity	GREEN	2.5 Gbps connection
		ORANGE	1 Gbps connection



### \* Marvell® AQtion 10Gb Ethernet port LED indications

Activity Link LED		Speed LED	
Status	Description	Status	Description
OFF	No link	OFF	No link
GREEN	Linked	GREEN	10 Gbps
BLINKING	Data activity	ORANGE	5 Gbps/ 2.5 Gbps/ 1Gbps/ 100 Mbps connection

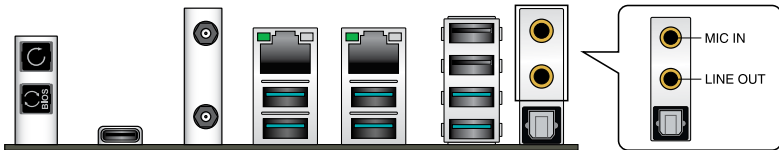


### \*\* Audio 2, 4, or 5.1-channel configuration

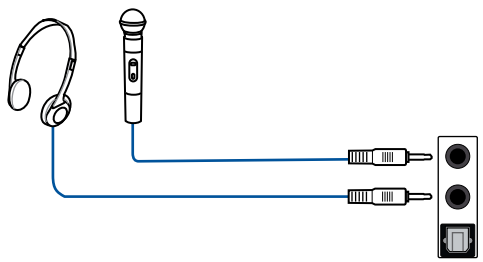
Port	2-channel	4-channel	5.1-channel
<b>Rear panel</b>			
LINE OUT	Front Speaker Out	Front Speaker Out	Front Speaker Out
MIC IN	-	-	Center/Subwoofer
<b>Front panel</b>			
HEADPHONE (Lime)	-	-	-
MIC IN (Pink)	-	Rear Speaker Out	Rear Speaker Out

## 1.3.2 Audio I/O connections

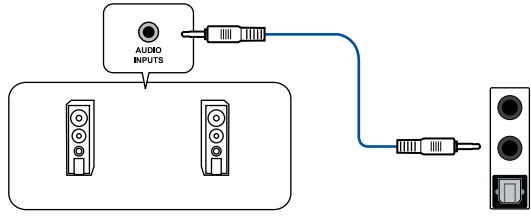
### Audio I/O ports



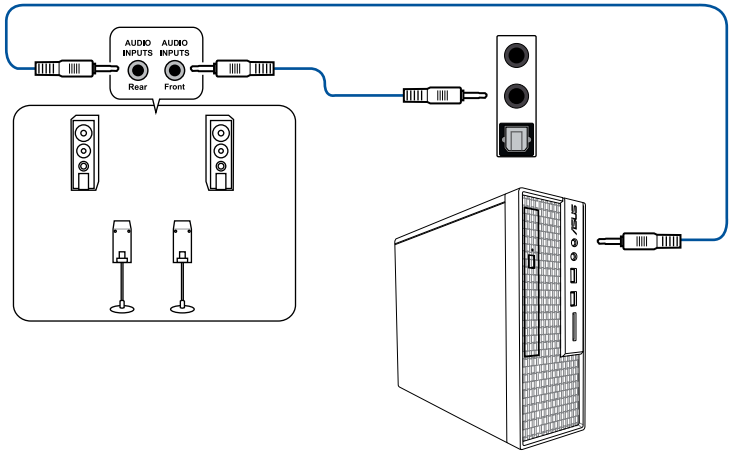
### Connect to Headphone and Mic



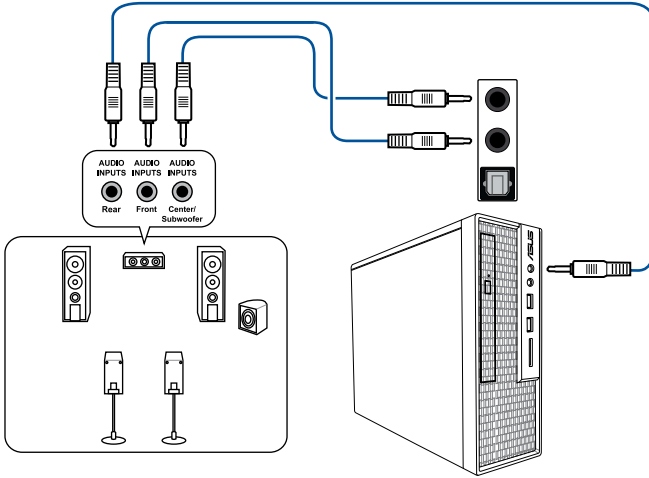
### Connect to 2-channel Speakers



### Connect to 4-channel Speakers



# Connect to 5.1-channel Speakers



# Basic Setup

# 2



The installation diagrams in this section are for reference only. The motherboard layout may vary with models, but the installation steps are the same for all models.

## 2.1 CPU installation

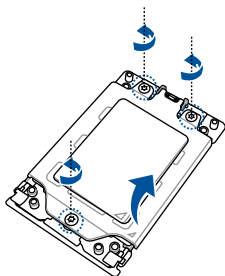


- Ensure that you use a CPU designed for the Socket sTR5 socket. The CPU fits in only one correct orientation. **DO NOT** force the CPU into the socket to prevent bending the pins and damaging the CPU
- The CPU fits in only one correct orientation. **DO NOT** force the CPU into the socket to prevent bending the connectors on the socket and damaging the CPU.
- Ensure that all power cables are unplugged before installing the CPU.
- Upon purchase of the motherboard, ensure that the PnP cap is on the socket and the socket contacts are not bent. Contact your retailer immediately if the PnP cap is missing, or if you see any damage to the PnP cap/socket contacts/motherboard components. ASUS will shoulder the cost of repair only if the damage is shipment/transit-related.

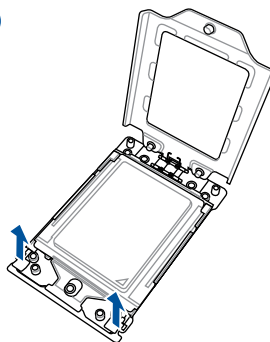


Install a heatsink or AIO cooler after installing the CPU. Please refer to the **Motherboard Installation Guide** on the ASUS support site, or to the user manual of the heatsink/AIO cooler for steps on installing the heatsink/AIO cooler.

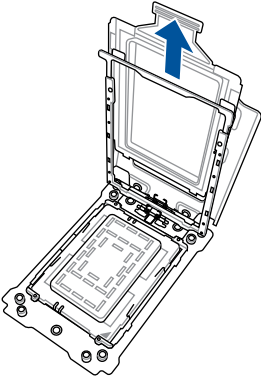
1



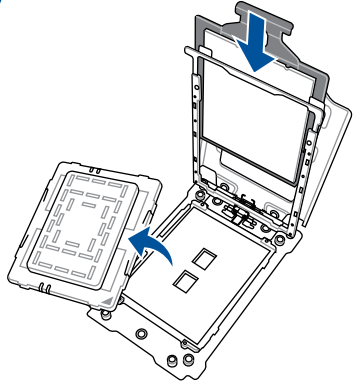
2



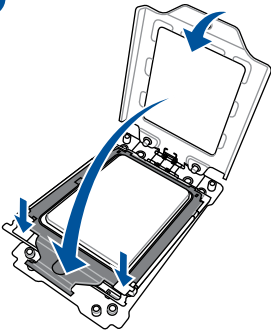
3



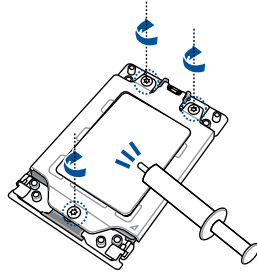
4



5

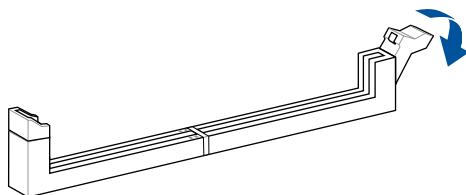


6

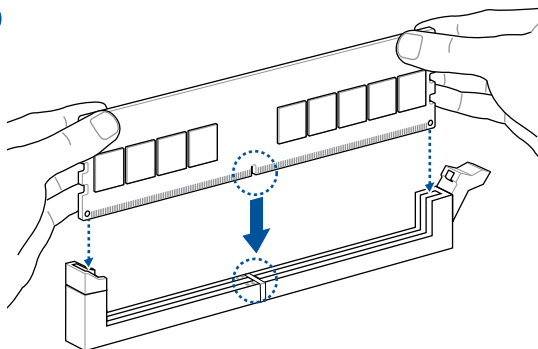


## 2.2 DIMM installation

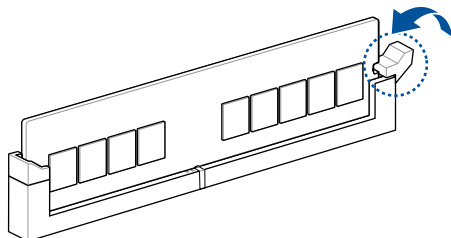
1



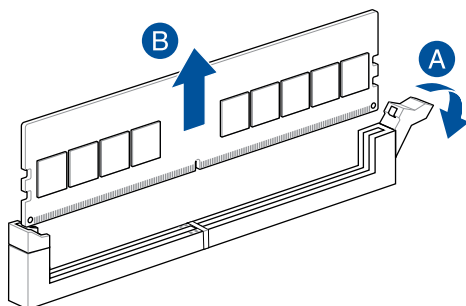
2



3



### DIMM removal

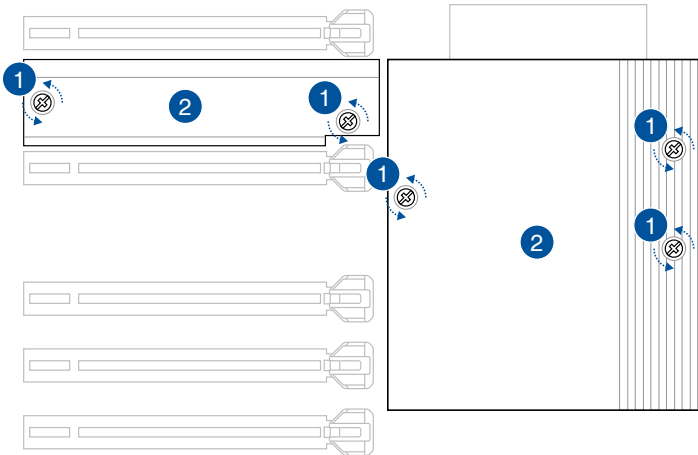


## 2.3 M.2 module installation



- The illustrations only show the installation steps for a 22110 M.2 slot, the steps are the same for the other M.2 slots.
- Use a Phillips screwdriver when removing or installing the screws or screw stands mentioned in this section.
- If the thermal pad on the M.2 heatsink becomes damaged, we recommend replacing it with the bundled thermal pad or a thermal pad with a thickness of 1.25mm.
- Supported M.2 type varies per motherboard.

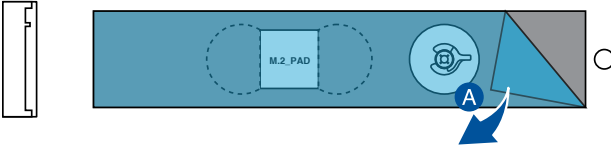
1. Loosen the screws from the M.2 heatsinks.
2. Lift and remove the heatsinks.



3. Install your M.2 to your M.2 slot. The steps may differ between the different M.2 slots, please refer to the different installation steps below:

**M.2 1(Socket3) and M.2 2(Socket3) slots**

- A. Peel the plastic film off the M.2 slot you wish to install an M.2 module to.



- B. (optional) If required, remove the pre-installed removable M.2 Q-Latch screw at the 2280 length screw hole.

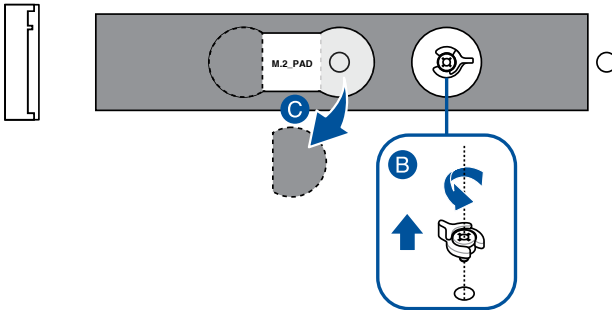


Only follow this step if a removable M.2 Q-Latch screw is pre-installed at the 2280 length screw hole and can be removed.

- C. (optional) Remove the thermal pad covering the M.2 length screw hole you wish to install an M.2 module to.



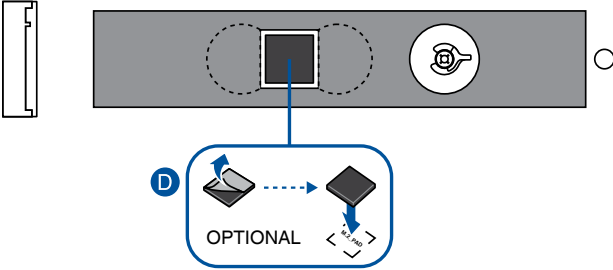
Follow this step only if you are installing a 2242 or 2260 M.2 modules.



- D. (optional) If you are installing an 2280 or 22110 single sided M.2 storage device, ensure to peel off the plastic film on the bundled rubber for M.2, then stick them in the rubber for M.2 location.



DO NOT install the bundled rubber for M.2 when installing a double-sided M.2 storage device.

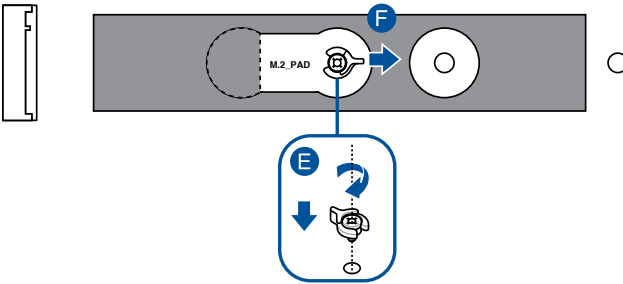


- E. (optional) Install the M.2 Q-Latch to the M.2 length screw hole you wish to install your M.2 module to.



You can use a bundled M.2 Q-Latch or a pre-installed removable M.2 Q-Latch.

- F. Rotate and adjust the M.2 Q-Latch so that the handle points away from the M.2 slot.

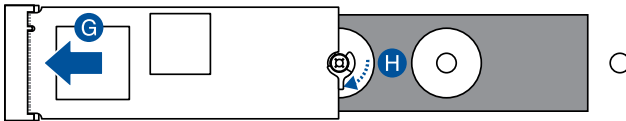


- G. Install your M.2 module to the M.2 slot.



Ensure that there is nothing obstructing your M.2 module when installing the M.2 module to the M.2 slot.

- H. Rotate the M.2 Q-Latch clockwise to secure the M.2 module in place.

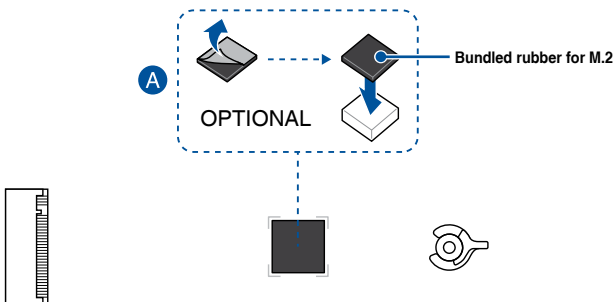


### M.2 3(Socket3) slot

- A. (optional) Install the bundled rubber for M.2 if you are installing a single sided M.2 module. **DO NOT** install the bundled rubber for M.2 when installing a double-sided M.2 module. The rubber installed by default is compatible with double sided M.2 modules.



Only follow this step if the rubber for M.2 comes bundled with your motherboard package.



- B. Rotate and adjust the M.2 Q-Latch so that the handle points away from the M.2 slot.

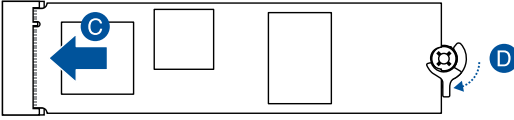


C. Install your M.2 module to the M.2 slot.



Ensure that there is nothing obstructing your M.2 module when installing the M.2 module to the M.2 slot.

D. Rotate the M.2 Q-Latch clockwise to secure the M.2 module in place.



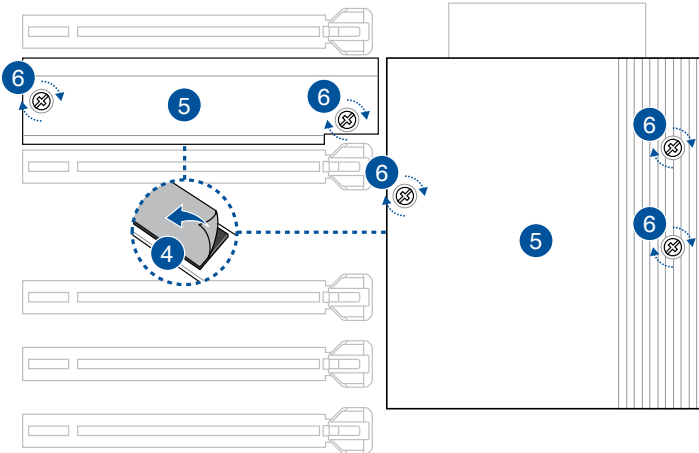
4. Remove the plastic film from the thermal pads on the bottom of the heatsinks.



If the thermal pad on the M.2 heatsink becomes damaged, we recommend replacing it with the bundled thermal pad or a thermal pad with a thickness of 1.25mm.

5. Replace the heatsinks.

6. Secure the heatsinks using the screws on the heatsinks.

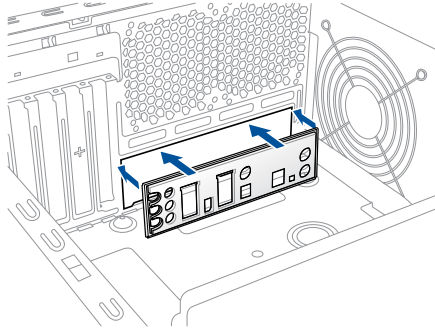


## 2.4 Motherboard installation

1. (on selected models) Install the bundled I/O Shield to the chassis rear I/O panel.



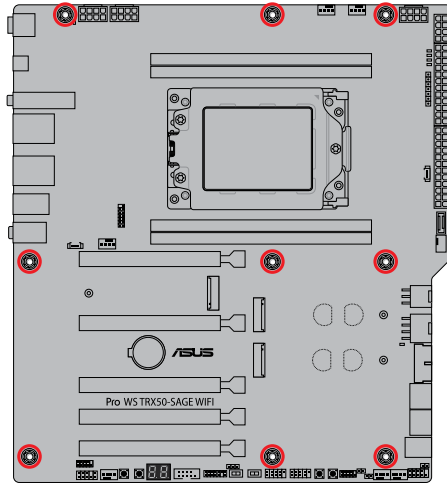
Only install the I/O Shield if your motherboard does not have a pre-installed I/O shield.



2. Place the motherboard into the chassis, ensuring that its rear I/O ports are aligned to the chassis' rear I/O panel.
3. Place nine (9) screws into the holes indicated by circles to secure the motherboard to the chassis.



This instruction is for reference only, please place the amount of screws according to your installation situation.

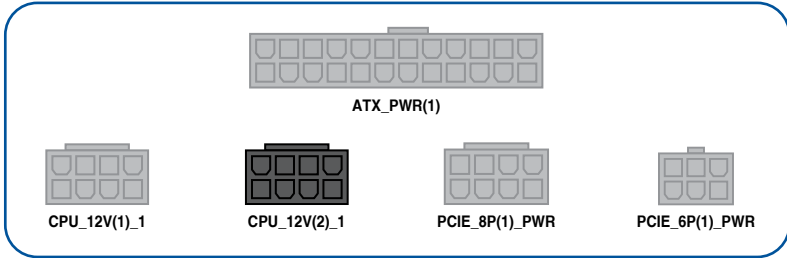


**DO NOT** over tighten the screws! Doing so can damage the motherboard.

## 2.5 Power connection

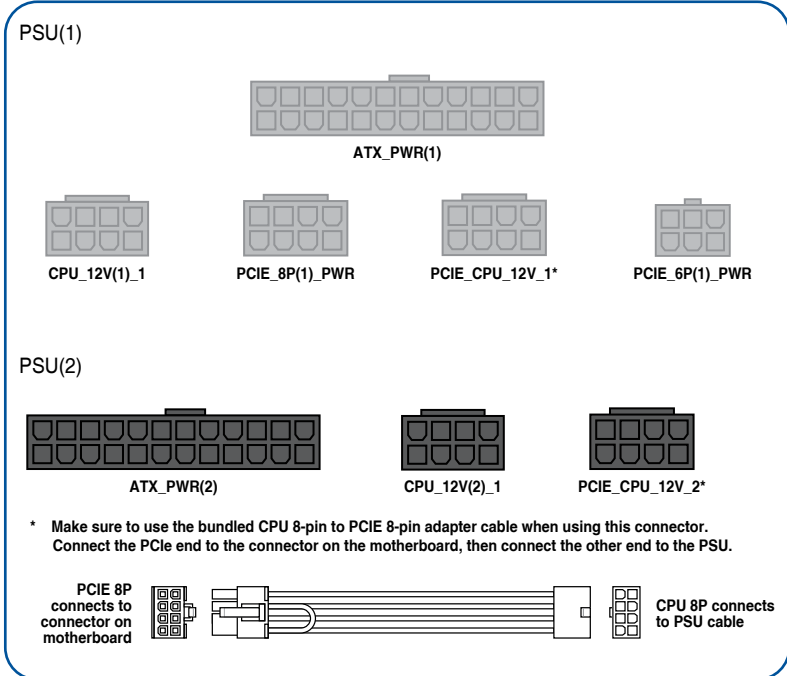
To avoid damages, please refer to the following configurations when installing the PSU(s).

### Single PSU installation



When the system is powered by only one (1) PSU, ensure to use a single rail PSU if you wish to connect PCIE 8-pin connectors to **PCIE\_CPU\_12V\_1** and **PCIE\_CPU\_12V\_2**.

### Dual PSU configuration

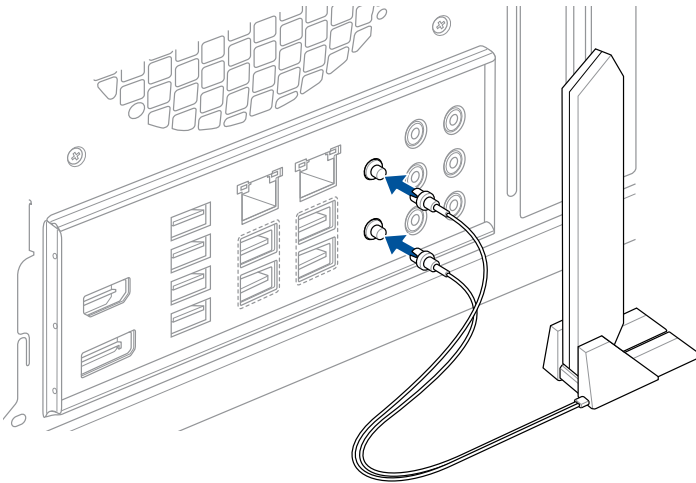


- Both PSUs used must be the same brand and model.
- Dual PSU configuration should only be used when overclocking.

## 2.6 ASUS WiFi Q-Antenna installation

### Installing the ASUS WiFi Q-Antenna

Connect the bundled ASUS WiFi Q-Antenna connector to the Wi-Fi ports at the back of the chassis.



- Ensure to hold tightly onto the connector when removing the antenna connector from the Wi-Fi ports, and refrain from attempting to remove the antenna connector from the Wi-Fi ports by pulling on the antenna connector cable.
- The antenna can only be extended to a right angle (90°). Do not force the antenna into an angle more than 90°, doing so may cause damages to the ASUS WiFi Q-Antenna.



- Ensure that the ASUS WiFi Q-Antenna is securely installed to the Wi-Fi ports.
- Ensure that the antenna is at least 20 cm away from all persons.



The illustration above is for reference only. The I/O port layout may vary with models, but the WiFi Q-Antenna installation procedure is the same for all models.

### Using ASUS WiFi Q-Antenna functions

The ASUS WiFi Q-Antenna features a Direction Finder and Fast Check function, you can learn more about these feature and how to use them in the **ASUS WiFi Q-Antenna** tab in Armoury Crate.



The ASUS WiFi Q-Antenna function in Armoury Crate is only supported on the bundled antenna and Wi-Fi module.

## 2.7 BIOS FlashBack™



The illustrations for this section are for reference only. The WiFi module is only available on selected models.

BIOS FlashBack™ allows you to easily update the BIOS without entering the existing BIOS or operating system.

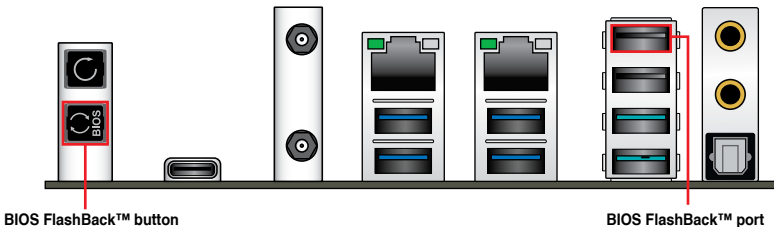
### To use BIOS FlashBack™:

1. Visit <https://www.asus.com/support/> and download the latest BIOS version for this motherboard.
2. Launch the **BIOSRenamer.exe** application to automatically rename the file or manually rename the file to the BIOS CAP filename specified in the **Specifications summary** section, then copy it to your USB storage device.



The **BIOSRenamer.exe** application is zipped together with your BIOS file when you download a BIOS file for a BIOS FlashBack™ compatible motherboard.

3. Plug the 24-pin power connector to the motherboard and turn on the power supply (no need to power on the system). Insert the USB storage device to the USB port with BIOS FlashBack™ function.
4. Press the BIOS FlashBack™ button for three (3) seconds until the BIOS FlashBack™ LED blinks three times, indicating that the BIOS FlashBack™ function is enabled.



5. Wait until the light goes out, indicating that the BIOS updating process is completed.



For more BIOS update utilities in BIOS setup, refer to **BIOS and RAID Support** section.



- Do not unplug portable disk, power system, press the Clear CMOS button, or short the CLRRTC header while BIOS update is ongoing, otherwise update will be interrupted. In case of interruption, please follow the steps again.
- If the light flashes for five seconds and turns into a solid light, this means that the BIOS FlashBack™ is not operating properly. This may be caused by improper installation of the USB storage device and filename/file format error. If this scenario happens, please restart the system to turn off the light.
- Updating BIOS may have risks. If the BIOS program is damaged during the process and results to the system's failure to boot up, please contact your local ASUS Service Center.

## 2.8 Starting up for the first time

1. After making all the connections, replace the system case cover.
2. Ensure that all switches are off.
3. Connect the power cord to the power connector at the back of the system chassis.
4. Connect the power cord to a power outlet that is equipped with a surge protector.
5. Turn on the devices in the following order:
  - a. Monitor
  - b. External storage devices (starting with the last device on the chain)
  - c. System power
6. After applying power, the system power LED on the system front panel case lights up. For systems with ATX power supplies, the system LED lights up when you press the ATX power button. If your monitor complies with the “green” standards or if it has a “power standby” feature, the monitor LED may light up or change from orange to green after the system LED turns on.

The system then runs the power-on self tests (POST). While the tests are running, additional messages appear on the screen. If you do not see anything within 30 seconds from the time you turned on the power, the system may have failed a power-on test. Check the jumper settings and connections or call your retailer for assistance.

7. At power on, hold down the <Delete> key to enter the BIOS Setup. Follow the instructions in Chapter 3.

## 2.9 Turning off the computer

While the system is ON, press the power button for less than four seconds to put the system on sleep mode or soft-off mode, depending on the BIOS setting. Press the power button for more than four seconds to let the system enter the soft-off mode regardless of the BIOS setting.



# BIOS and RAID Support

# 3



- For more details on BIOS and RAID configurations, please refer to Manual & Document under the Support tab of the product information site, or visit <https://www.asus.com/support>.
- Please visit the AMD website for the latest information on RAID configurations.

## 3.1 Knowing UEFI BIOS

BIOS (Basic Input and Output System) stores system hardware settings such as storage device configuration, overclocking settings, advanced power management, and boot device configuration that are needed for system startup in the motherboard CMOS. In normal circumstances, the default BIOS settings apply to most conditions to ensure optimal performance. **DO NOT change the default BIOS settings** except in the following circumstances:

- An error message appears on the screen during the system bootup and requests you to run the BIOS Setup.
- You have installed a new system component that requires further BIOS settings or update.



Inappropriate BIOS settings may result in instability or boot failure. **We strongly recommend that you change the BIOS settings only with the help of a trained service personnel.**



BIOS settings and options may vary due to different BIOS release versions. Please refer to the latest BIOS version for settings and options.

### Entering BIOS at startup

To enter BIOS Setup at startup, press <Delete> or <F2> during the Power-On Self Test (POST). If you do not press <Delete> or <F2>, POST continues with its routines.



- If the system becomes unstable after changing any BIOS setting, load the default settings to ensure system compatibility and stability. Select the **Load Optimized Defaults** item under the **Exit** menu or press the <F5> hotkey.
- If the system fails to boot after changing any BIOS setting, try to clear the CMOS and reset the motherboard to the default value.
- The BIOS setup program does not support Bluetooth devices.

## 3.2 ASUS EZ Flash Utility

The ASUS EZ Flash Utility feature allows you to update the BIOS without using an OS-based utility.



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Ensure to load the BIOS default settings to ensure system compatibility and stability. Select the **Load Optimized Defaults** item under the **Exit** menu or press hotkey <F5>.

---

### To update the BIOS:



- This function can support devices such as a USB flash disk with FAT 32/16 format and single partition only.
  - DO NOT shut down or reset the system while updating the BIOS to prevent system boot failure!
- 

1. Insert the USB flash disk that contains the latest BIOS file to the USB port.
2. Enter the BIOS setup program. Go to the **Tool** menu to select **Start ASUS EzFlash** and press <Enter>.
3. Press the Left arrow key to switch to the **Drive** field.
4. Press the Up/Down arrow keys to find the USB flash disk that contains the latest BIOS, and then press <Enter>.
5. Press the Right arrow key to switch to the **Folder** field.
6. Press the Up/Down arrow keys to find the BIOS file, and then press <Enter> to perform the BIOS update process. Reboot the system when the update process is done.

### 3.3 ASUS CrashFree BIOS 3

The ASUS CrashFree BIOS 3 utility is an auto recovery tool that allows you to restore the BIOS file when it fails or gets corrupted during the updating process. You can restore a corrupted BIOS file using a USB flash drive that contains the BIOS file.

#### Recovering the BIOS

1. Download the latest BIOS version for this motherboard from <https://www.asus.com/support/>.
2. Rename the file using one of the following methods:
  - Launch the **BIOSRenamer.exe** application to automatically rename the file.
  - Manually rename the file to the BIOS CAP filename specified in the **Specifications summary** section.
  - Manually rename the file to **asus.cap**.
3. Copy the renamed file to your USB storage device.
4. Turn on the system.
5. Insert the USB flash drive containing the BIOS file to a USB port.
6. The utility automatically checks the devices for the BIOS file. When found, the utility reads the BIOS file and enters ASUS EZ Flash Utility automatically.
7. The system requires you to enter BIOS Setup to recover the BIOS setting. To ensure system compatibility and stability, we recommend that you press <F5> to load default BIOS values.



DO NOT shut down or reset the system while updating the BIOS! Doing so can cause system boot failure!

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## 3.4 RAID configurations

The motherboard supports RAID configurations.

### RAID definitions

**Volume** provides the ability to link-together storage from one or several disks, regardless of the size of the space on those disks. This configuration is useful in scavenging space on disks unused by other disks in the array. This configuration does not provide performance benefits or data redundancy, disk failure will result in data loss.

**RAIDABLE** arrays (also known as RAID Ready) are a special type of Volume (JBOD) that allows the user to add more storage space or create a redundant array after a system is installed.



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The ability to create RAIDABLE arrays may vary per system.

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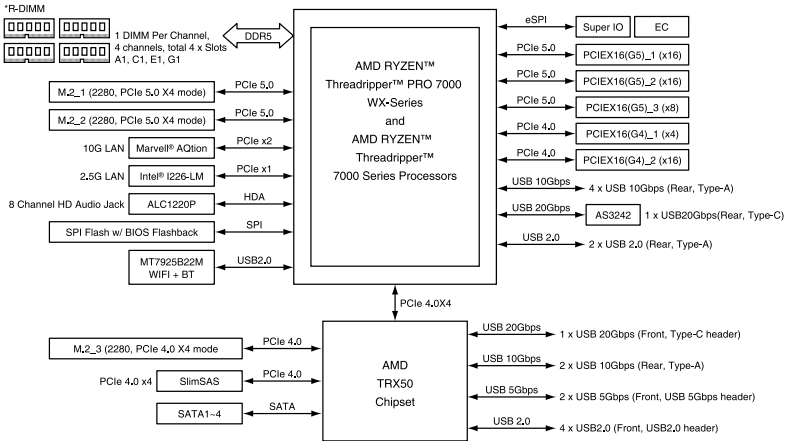
**RAID 0 (Data striping)** optimizes two identical hard disk drives to read and write data in parallel, interleaved stacks. Two hard disks perform the same work as a single drive but at a sustained data transfer rate, double that of a single disk alone, thus improving data access and storage. Use of two new identical hard disk drives is required for this setup.

**RAID 1 (Data mirroring)** copies and maintains an identical image of data from one drive to a second drive. If one drive fails, the disk array management software directs all applications to the surviving drive as it contains a complete copy of the data in the other drive. This RAID configuration provides data protection and increases fault tolerance to the entire system. Use two new drives or use an existing drive and a new drive for this setup. The new drive must be of the same size or larger than the existing drive.

**RAID 10** is data striping and data mirroring combined without parity (redundancy data) having to be calculated and written. With the RAID 10 configuration you get all the benefits of both RAID 0 and RAID 1 configurations. Use four new hard disk drives or use an existing drive and three new drives for this setup.

# Appendix

## Pro WS TRX50-SAGE WIFI block diagram



## General Notices

### FCC Compliance Information

Responsible Party: Asus Computer International

Address: 48720 Kato Rd., Fremont, CA 94538, USA

Phone / Fax No: (510)739-3777 / (510)608-4555

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Safety Precautions

Accessories that came with this product have been designed and verified for the use in connection with this product. Never use accessories for other products to prevent the risk of electric shock or fire.

### 安全上のご注意

付属品は当該専用品です。他の機器には使用しないでください。機器の破損もしくは、火災や感電の原因となることがあります。

# VCCI: Japan Compliance Statement

## Class B ITE

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

## Japan JATE

本製品は電気通信事業者（移动通信会社、固定通信会社、インターネットプロバイダ等）の通信回線（公衆無線LANを含む）に直接接続することができません。本製品をインターネットに接続する場合は、必ずルーター等を経由し接続してください。

## Declaration of compliance for product environmental regulation

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements.

Please refer to <https://esg.asus.com/Compliance.htm> for information disclosure based on regulation requirements ASUS is complied with:

### EU REACH and Article 33

Complying with the REACH (Registration, Evaluation, Authorisation, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at ASUS REACH website at <https://esg.asus.com/Compliance.htm>.

### EU RoHS

This product complies with the EU RoHS Directive. For more details, see <https://esg.asus.com/Compliance.htm>

### India RoHS

This product complies with the "India E-Waste (Management) Rules, 2016" and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in concentrations exceeding 0.1% by weight in homogenous materials and 0.01% by weight in homogenous materials for cadmium, except for the exemptions listed in Schedule II of the Rule.

### Vietnam RoHS

ASUS products sold in Vietnam, on or after September 23, 2011, meet the requirements of the Vietnam Circular 30/2011/TT-BCT.

Các sản phẩm ASUS bán tại Việt Nam, vào ngày 23 tháng 9 năm 2011 trở về sau, đều phải đáp ứng các yêu cầu của Thông tư 30/2011/TT-BCT của Việt Nam.

## Türkiye RoHS

AEEE Yönetmeliğine Uygundur

### ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to <https://esg.asus.com/en/Takeback.htm> for detailed recycling information in different regions.



DO NOT throw the motherboard in municipal waste. This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Check local regulations for disposal of electronic products.



DO NOT throw the mercury-containing button cell battery in municipal waste. This symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.

## France sorting and recycling information



Points de collecte sur [www.quefairedemesdechets.fr](http://www.quefairedemesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil !

## Notices for Wi-Fi model

### FCC RF Caution Statement

**WARNING:** Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

### FCC 5.925-7.125 GHz Caution Statement

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

### RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

### Compliance Statement of Innovation, Science and Economic Development Canada (ISED)

This device complies with Innovation, Science and Economic Development Canada licence exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

CAN ICES-003(B)/NMB-003(B)

### Déclaration de conformité de Innovation, Sciences et Développement économique Canada (ISED)

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La bande 5150–5250 MHz est réservée uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

CAN ICES-003(B)/NMB-003(B)

### ISED 5.925-7.125 GHz Caution Statement (RLAN devices)

Devices shall not be used for control of or communications with unmanned aircraft systems.

Les dispositifs ne doivent pas être utilisés pour commander des systèmes d'aéronef sans pilote ni pour communiquer avec de tels systèmes.

## KC: Korea Warning Statement

B급 기기 (가정용 방송통신기자재)

이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

\*당해 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

## NCC: Wireless Statement

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

應避免影響附近雷達系統之操作。

## Japan RF Equipment Statement

### 屋外での使用について

5GHz帯(W52/53)及び6GHz帯(LPI)の屋外での使用は、電波法により禁じられています(法令により許可された場合は除く)(6GHz帯は対応製品のみ)。

### 法律および規制遵守

本製品は電波法及びこれに基づく命令の定めるところに従い使用してください。日本国外では、その国の法律または規制により、本製品の使用ができないことがあります。このような国では、本製品を運用した結果、罰せられることがあります。当社は一切責任を負いかねますのでご了承ください。

## Précautions d'emploi de l'appareil :

- Soyez particulièrement vigilant quant à votre sécurité lors de l'utilisation de cet appareil dans certains lieux (les avions, les aéroports, les hôpitaux, les stations-service et les garages professionnels).
- Évitez d'utiliser cet appareil à proximité de dispositifs médicaux implantés. Si vous portez un implant électronique (stimulateurs cardiaques, pompes à insuline, neurostimulateurs...), veuillez impérativement respecter une distance minimale de 15 centimètres entre cet appareil et l'implant pour réduire les risques d'interférence.
- Utilisez cet appareil dans de bonnes conditions de réception pour minimiser le niveau de rayonnement. Ce n'est pas toujours le cas dans certaines zones ou situations, notamment dans les parkings souterrains, dans les ascenseurs, en train ou en voiture ou tout simplement dans un secteur mal couvert par le réseau.
- Tenez cet appareil à distance du ventre des femmes enceintes et du bas-ventre des adolescents.

### Simplified UKCA Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of The Radio Equipment Regulations 2017 (S.I. 2017/1206). Full text of UKCA declaration of conformity is available at <https://www.asus.com/support/>.

The WiFi operating in the band 5150-5350MHz shall be restricted to indoor use for the country listed below:

# UK

### UKCA RF Output table (The Radio Equipment Regulations 2017)

Model: MT7925B22M

- Low Power Indoor (LPI) Wi-Fi devices:  
The device is restricted to indoor use only when operating in the 5925 to 6425 MHz frequency range in UK.
- Very Low Power (VLP) Wi-Fi devices (portable devices):  
The device is not permitted to be used on Unmanned Aircraft Systems (UAS) when operating in the 5925 to 6425 MHz frequency range in UK.

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	19 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	21 dBm
	5725 - 5850 MHz	12 dBm
	5945 - 6425 MHz	21 dBm
Bluetooth	2402 - 2480 MHz	13 dBm

\* Receiver Category 1



### Simplified EU Declaration of Conformity

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Full text of EU declaration of conformity is available at <https://www.asus.com/support/>.

The WiFi operating in the band 5150-5350MHz shall be restricted to indoor use for countries listed in the table below:

- Low Power Indoor (LPI) Wi-Fi devices:**  
The device is restricted to indoor use only when operating in the 5945 to 6425 MHz frequency range in Belgium (BE), Bulgaria (BG), Cyprus (CY), Czech Republic (CZ), Estonia (EE), France (FR), Iceland (IS), Ireland (IE), Lithuania (LT), Germany (DE), Netherlands (NL), Spain (ES).
- Very Low Power (VLP) Wi-Fi devices (portable devices):**  
The device is not permitted to be used on Unmanned Aircraft Systems (UAS) when operating in the 5945 to 6425 MHz frequency range in Belgium (BE), Bulgaria (BG), Cyprus (CY), Czech Republic (CZ), Estonia (EE), France (FR), Iceland (IS), Ireland (IE), Lithuania (LT), Germany (DE), Netherlands (NL), Spain (ES).

### Déclaration simplifiée de conformité de l'UE

ASUSTek Computer Inc. déclare par la présente que cet appareil est conforme aux critères essentiels et autres clauses pertinentes de la directive 2014/53/UE. La déclaration de conformité de l'UE peut être téléchargée à partir du site internet suivant : <https://www.asus.com/support/>.

Dans la plage de fréquence 5150-5350 MHz, le Wi-Fi est restreint à une utilisation en intérieur dans les pays listés dans le tableau ci-dessous:

- Pour les appareils Wi-Fi LPI (Low Power Indoor) :**  
L'appareil est limité à une utilisation en intérieur uniquement lorsqu'il fonctionne dans la plage de fréquences 5945-6425MHz en Belgique (BE), Bulgarie (BG), Chypre (CY), République tchèque (CZ), Estonie (EE), France (FR), Islande (IS), Irlande (IE), Lituanie (LT), Allemagne (DE), Pays-Bas (NL), Espagne (ES).
- Pour les appareils portables Wi-Fi VLP (Very Low Power) :**  
L'appareil n'est pas autorisé à être utilisé sur des systèmes d'aéronefs sans pilote (UAS) lorsqu'il fonctionne dans la plage de fréquences 5945-6425MHz en Belgique (BE), en Bulgarie (BG), Chypre (CY), République tchèque (CZ), Estonie (EE), France (FR), Islande (IS), Irlande (IE), Lituanie (LT), Allemagne (DE), Pays-Bas (NL), Espagne (ES).

### Vereinfachte EU-Konformitätserklärung

ASUSTEK COMPUTER INC erklärt hiermit, dass dieses Gerät mit den grundlegenden Anforderungen und anderen relevanten Bestimmungen der Richtlinie 2014/53/EU übereinstimmt. Der gesamte Text der EU-Konformitätserklärung ist verfügbar unter: <https://www.asus.com/support/>. Der WLAN-Betrieb im Band von 5150-5350 MHz ist für die in der untenen Tabelle aufgeführten Länder auf den Innenbereich beschränkt:

- Low Power Indoor (LPI) Wi-Fi-Geräte:**  
Das Gerät ist auf den Innenbereich beschränkt, wenn es im Frequenzbereich von 5945 MHz bis 6425 MHz in Belgien (BE), Bulgarien (BG), Zypern (CY), der Tschechischen Republik (CZ), Estland (EE), Frankreich (FR), Island (IS), Irland (IE), Litauen (LT), Deutschland (DE), den Niederlanden (NL), Spanien (ES) betrieben wird.
- Very Low Power (VLP) Wi-Fi-Geräte (tragbare Geräte):**  
Das Gerät darf nicht auf unbemannten Luftfahrzeugsystemen (UAS) verwendet werden, wenn es im Frequenzbereich von 5945 MHz bis 6425 MHz in Belgien (BE), Bulgarien (BG), Zypern (CY), der Tschechischen Republik (CZ), Estland (EE), Frankreich (FR), Island (IS), Irland (IE), Litauen (LT), Deutschland (DE), den Niederlanden (NL), Spanien (ES) betrieben wird.

### Dichiarazione di conformità UE semplificata

ASUSTEK Computer Inc. con la presente dichiara che questo dispositivo è conforme ai requisiti essenziali e alle altre disposizioni pertinenti con la direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile all'indirizzo: <https://www.asus.com/support/>.

L'utilizzo della rete Wi-Fi con frequenza compresa nell'intervallo 5150-5350MHz deve essere limitato all'interno degli edifici per i paesi presenti nella seguente tabella:

- Dispositivi LPI (Low Power Indoor) Wi-Fi:**  
Il dispositivo è limitato all'uso in ambienti interni quando funziona nella gamma di frequenza da 5945 a 6425 MHz in Belgio (BE), Bulgaria (BG), Cipro (CY), Repubblica Ceca (CZ), Estonia (EE), Francia (FR), Islanda (IS), Irlanda (IE), Lituania (LT), Germania (DE), Paesi Bassi (NL), Spagna (ES).
- Dispositivi VLP (Very Low Power) Wi-Fi (dispositivi portatili):**  
Il dispositivo non può essere utilizzato su Unmanned Aircraft Systems (UAS) quando opera nella gamma di frequenza da 5945 a 6425 MHz in Belgio (BE), Bulgaria (BG), Cipro (CY), Repubblica Ceca (CZ), Estonia (EE), Francia (FR), Islanda (IS), Irlanda (IE), Lituania (LT), Germania (DE), Paesi Bassi (NL), Spagna (ES).

### Упрощенное заявление о соответствии европейской директиве

ASUSTEK Computer Inc. заявляет, что устройство соответствует основным требованиям и другим соответствующим условиям директивы 2014/53/ЕU. Полный текст декларации соответствия ЕС доступен на <https://www.asus.com/support/>.

Работа WiFi в диапазоне частот 5150-5350 должна быть ограничена использованием в помещениях для стран, перечисленных в таблице ниже:

- Устройства Wi-Fi с низким энергопотреблением в помещении (LPI):  
Устройство разрешено использовать только в помещении при работе в диапазоне частот от 5945 до 6425 МГц в Бельгии (BE), Болгарии (BG), Кипре (CY), Чехии (CZ), Эстонии (EE), Франции (FR), Исландии (IS), Ирландии (IE), Литве (LT), Германии (DE), Нидерландах (NL), Испании (ES).
- Устройства Wi-Fi с очень низким энергопотреблением (VLP) (портативные устройства):  
Устройство не разрешается использовать в беспилотных авиационных системах (БАС) при работе в диапазоне частот от 5945 до 6425 МГц в Бельгии (BE), Болгарии (BG), Кипре (CY), Чехии (CZ), Эстонии (EE), Франции (FR), Исландии (IS), Ирландии (IE), Литве (LT), Германии (DE), Нидерландах (NL), Испании (ES).

### إعلان التوافق المبسط الصادر عن الاتحاد الأوروبي

تقر شركة ASUSTEK Computer Inc أن هذا الجهاز يتوافق مع المتطلبات الأساسية والأحكام الأخرى ذات الصلة للخامسة توجيهه 2014/53/UE. يتوفر النص الكامل لإعلان التوافق الصادر عن الاتحاد الأوروبي على:

<https://www.asus.com/support/>.

يجب حصر استخدام WiFi العاملة بـ 5350-5150 ميجا هرتز على الاستخدام المنزلي للبلدان المدرجة بالجدول.

- أجهزة Wi-Fi الداخلية منخفضة الطاقة (LPI):  
يُسمح باستخدام الجهاز استخدام داخلي إلا عندما يعمل في نطاق تردد من 5945 لـ 6425 ميجا هرتز في بلجيكا وبولغيا وقبرص وجمهورية التشيك وإستونيا وفرنسا وأيسلندا ولاتفيا وألمانيا وهولندا وإسبانيا.
- أجهزة Wi-Fi منخفضة الطاقة بشدة (VLP) (الأجهزة المحمولة):  
لا يسمح باستخدام الجهاز على أنظمة الطيران إلا عندما يعمل في نطاق تردد من 5945 لـ 6425 ميجا هرتز في بلجيكا وبولغيا وقبرص وجمهورية التشيك وإستونيا وفرنسا وأيسلندا ولاتفيا وألمانيا وهولندا وإسبانيا.

### Опростена декларация за съответствие на ЕС

С настоящото ASUSTEK Computer Inc. декларира, че това устройство е в съответствие със съществените изисквания и другите приложими постановления на свързаната Директива 2014/53/ЕС. Пълният текст на ЕС декларация за съвместимост е достъпен на адрес <https://www.asus.com/support/>.

WiFi, работеща в диапазон 5150-5350MHz, трябва да се ограничи до употреба на закрито за страните, посочени в таблицата по-долу:

- Ниско захранване на закрито (LPI) Wi-Fi устройства:  
Устройството е ограничено до употреба само на закрито, когато работи в честотния диапазон от 5945 до 6425 МГц в Бельгия (BE), България (BG), Кипър (CY), Чехия (CZ), Естония (EE), Франция (FR), Исландия (IS), Ирландия (IE), Литва (LT), Германия (DE), Нидерландия (NL), Испания (ES).
- Много ниско захранване (VLP) Wi-Fi устройства (преносими устройства):  
Устройството не е разрешено за употреба в беспилотни летателни средства (UAS) при работа в честотния диапазон от 5945 до 6425 МГц в Бельгия (BE), България (BG), Кипър (CY), Чехия (CZ), Естония (EE), Франция (FR), Исландия (IS), Ирландия (IE), Литва (LT), Германия (DE), Нидерландия (NL), Испания (ES).

### Dichiarazione di Conformidade UE Simplificada

ASUSTEK Computer Inc. declara que este dispositivo está em conformidade com os requisitos essenciais e outras disposições relevantes relacionadas às diretivas 2014/53/UE. O texto completo da declaração de conformidade CE está disponível em <https://www.asus.com/support/>.

O WiFi operando na banda 5150-5350MHz deve ser restrito para uso interno para os países listados na tabela abaixo:

- Dispositivos Wi-Fi de Retorno de Baixa Potência (LPI):  
O dispositivo é restrito apenas para uso interno quando operar na faixa de frequência de 5945 a 6425 MHz na Bélgica (BE), Bulgária (BG), Chipre (CY), República Tcheca (CZ), Estónia (EE), França (FR), Islândia (IS), Irlanda (IE), Lituânia (LT), Alemanha (DE), Países Baixos (NL), Espanha (ES).
- Dispositivos Wi-Fi de Potência Muito Baixa (VLP) (dispositivos portáteis):  
O dispositivo não é permitido para uso nos Sistemas de Aeronaves Não Tripuladas (UAS) quando operar na faixa de frequência de 5945 a 6425 MHz na Bélgica (BE), Bulgária (BG), Chipre (CY), República Tcheca (CZ), Estónia (EE), França (FR), Islândia (IS), Irlanda (IE), Lituânia (LT), Alemanha (DE), Países Baixos (NL), Espanha (ES).

## Pojednostavljena EU Izjava o sukladnosti

ASUSTek Computer Inc. ovim izjavljuje da je ovaj uređaj sukladan s bitnim zahtjevima i ostalim odgovarajućim odredbama direktive 2014/53/EU. Cijeli tekst EU izjave o sukladnosti dostupan je na <https://www.asus.com/support/>.  
WiFi koji radi na opsegu frekvencija 5150-5350 MHz bit će ograničen na upotrebu u zatvorenom prostoru u zemljama na donjem popisu:

- Unutarnji uređaji male snage (LPI) Wi-Fi:  
Uređaj je ograničen na upotrebu u zatvorenom prostoru samo kada radi u frekvencijskom pojasu od 5945 do 6425 MHz u Belgiji (BE), Bugarskoj (BG), Cipru (CY), Češkoj (CZ), Estoniji (EE), Francuskoj (FR), Islandu (IS), Irskoj (IE), Litvi (LT), Njemačkoj (DE), Nizozemskoj (NL), Španjolskoj (ES).
- Uređaji vrlo male snage (VLP) Wi-Fi (prijenosni uređaji):  
Uređaj nije dopušteno koristiti u sustavima bespilotnih letjelica (UAS) kada radi u frekvencijskom pojasu od 5945 do 6425 MHz u Belgiji (BE), Bugarskoj (BG), Cipru (CY), Češkoj (CZ), Estoniji (EE), Francuskoj (FR), Islandu (IS), Irskoj (IE), Litvi (LT), Njemačkoj (DE), Nizozemskoj (NL), Španjolskoj (ES).

## Zjednodušené prohlášení o shodě EU

Společnost ASUSTek Computer Inc. tímto prohlašuje, že toto zařízení splňuje základní požadavky a další příslušná ustanovení směrnice 2014/53/EU. Plné znění prohlášení o shodě EU je k dispozici na adrese <https://www.asus.com/support/>.

V zemích uvedených v tabulce je provoz sítě Wi-Fi ve frekvenciálním rozsahu 5 150 - 5 350 MHz povoleno pouze ve vnitřních prostorech:

- Zařízení Wi-Fi s nízkým výkonem („LPI“):  
Při provozu ve frekvenciálním pásmu 5945 až 6425 MHz je používání tohoto zařízení omezeno pouze na interiéry v Belgii (BE), Bulharsku (BG), Kypru (CY), České republice (CZ), Estonsku (EE), Francii (FR), Islandu (IS), Irsku (IE), Litvě (LT), Německu (DE), Nizozemsku (NL), Španělsku (ES).
- Zařízení Wi-Fi s velmi nízkým výkonem („VLP“) (přenosná zařízení):  
Při provozu ve frekvenciálním pásmu 5945 až 6425 MHz není povoleno používat toto zařízení v systémech bezpilotních letadel (UAS) v Belgii (BE), Bulharsku (BG), Kypru (CY), České republice (CZ), Estonsku (EE), Francii (FR), Islandu (IS), Irsku (IE), Litvě (LT), Německu (DE), Nizozemsku (NL), Španělsku (ES).

## Forenklet EU-overensstemmelseserklæring

ASUSTek Computer Inc. erklærer hermed at denne enhed er i overensstemmelse med hovedkravene og øvrige relevante bestemmelser i direktivet 2014/53/EU. Hele EU-overensstemmelseserklæringen kan findes på <https://www.asus.com/support/>.

Wi-Fi, der bruger 5150-5350 MHz skal begrænses til indendørs brug i lande, der er anført i tabellen:

- Lav strøm indendørs (LPI) Wi-Fi-enheder:  
Enheden må kun bruges indendørs, når den bruges inden for frekvensområdet 5945 til 6425 MHz i Belgien (BE), Bulgarien (BG), Cypern (CY), Tjekkiet (CZ), Estland (EE), Frankrig (FR), Island (IS), Irland (IE), Litauen (LT), Tyskland (DE), Holland (NL), Spanien (ES).
- Meget lav strøm indendørs (VLP) Wi-Fi-enheder (bærbare enheder):  
Enheden må kun bruges i ubemandede flysystemer (UAS), når den bruges inden for frekvensområdet 5945 til 6425 MHz i Belgien (BE), Bulgarien (BG), Cypern (CY), Tjekkiet (CZ), Estland (EE), Frankrig (FR), Island (IS), Irland (IE), Litauen (LT), Tyskland (DE), Holland (NL), Spanien (ES).

## Verenvoudigd EU-conformiteitsverklaring

ASUSTek Computer Inc. verklaart hierbij dat dit apparaat voldoet aan de essentiële vereisten en andere relevante bepalingen van Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring is beschikbaar op <https://www.asus.com/support/>.

De WiFi op 5150-5350MHz zal beperkt zijn tot binnengebruik voor in de tabel vermelde landen:

- LPI (Low Power Indoor=laag vermogen binnenshuis) Wi-Fi-apparaten:  
Het apparaat is beperkt tot enkel binnengebruik bij bedienen in het frequentiebereik van 5945 tot 6425 MHz in België (BE), Bulgarije (BG), Cyprus (CY), Tsjechose Republiek (CZ), Estland (EE), Frankrijk (FR), Island (IS), Ierland (IE), Litouwen (LT), Duitsland (DE), Nederland (NL), Spanje (ES).
- VLP (Very Low Power = zeer laag vermogen) Wi-Fi-apparaten (draagbare apparaten):  
Het apparaat mag niet worden gebruikt in onbemande luchtvaartsystemen (UAS) bij bedienen in het frequentiebereik van 5945 tot 6425 MHz in België (BE), Bulgarije (BG), Cyprus (CY), Tsjechose Republiek (CZ), Estland (EE), Frankrijk (FR), Island (IS), Ierland (IE), Litouwen (LT), Duitsland (DE), Nederland (NL), Spanje (ES).

## Lihtsustatud EÜ vastusdeklaratsioon

Käesolevaga kinnitab ASUSTek Computer Inc, et seade vastab direktiivi 2014/53/EÜ olulistele nõuetele ja teiste asjakohaste sätetele. EL vastusdeklaratsiooni täistekst on saadaval veebisaidil <https://www.asus.com/support/>.

Sagedusvahemikus 5150-5350 MHz töötava WiFi kasutamine on järgmistes riikides lubatud ainult siseruumides:

- Madala võimsusega (LPI) Wi-Fi seadmed:  
Sagedusala 5945 kuni 6425 MHz töötavate seadmete kasutamine on siseruumides piiratud järgmistes riikides: Belgia (BE), Bulgaaria (BG), Küpros (CY), Tšehhi Vabariik (CZ), Eesti (EE), Prantsusmaa (FR), Island (IS), Iirimaa (IE), Leedu (LT), Saksamaa (DE), Holland (NL), Hispaania (ES).
- Väga madala võimsusega (VLP) Wi-Fi seadmed (kantavad seadmed):  
Sagedusala 5945 kuni 6425 MHz töötavate seadmete kasutamine on mehitatamata õhusõueteemides (UAS) keelatud järgmistes riikides: Belgia (BE), Bulgaaria (BG), Küpros (CY), Tšehhi Vabariik (CZ), Eesti (EE), Prantsusmaa (FR), Island (IS), Iirimaa (IE), Leedu (LT), Saksamaa (DE), Holland (NL), Hispaania (ES).

## Europa - EYn vaatimustenmukaisuuskäytös

ASUSTek Computer Inc. ilmoittaa täten, että tämä laite on direktiivin 2014/53/EU olennaiset vaatimukset ja muiden asiaankuuluvien luväysten mukainen. Koko EYn vaatimustenmukaisuuskäytös tekstin on luettavissa osoitteessa <https://www.asus.com/support/>.

5 150 - 5 350 MHz:in tajuudella toimiva WiFi on rajoitettu sisäkäyttöön taulukossa luettelussa maissa:

- Pienitehoiset sisäkäyttöön (LPI) Wi-Fi -laitteet:Laite on rajoitettu sisäkäyttöön vain, kun se toimii 5945-6425 MHz tajuusalueella Belgiassa (BE), Bulgariassa (BG), Kyproksella (CY), Tšekin tasavallassa (CZ), Virossa (EE), Ranskassa (FR), Islannissa (IS), Irlannissa (IE), Liettuassa (LT), Saksassa (DE), Alankomaissa (NL), Espanjassa (ES).
- Erittäin pienitehoiset (VLP) Wi-Fi -laitteet (kannettavat laitteet):  
Laitetta ei saa käyttää miehitättömässä lentokonejärjestelmässä (UAS) toimittamassa 5945–6425 MHz tajuusalueella Belgiassa (BE), Bulgariassa (BG), Kyproksella (CY), Tšekin tasavallassa (CZ), Virossa (EE), Ranskassa (FR), Islannissa (IS), Irlannissa (IE), Liettuassa (LT), Saksassa (DE), Alankomaissa (NL), Espanjassa (ES).

## بیعت ای نسخه شده باینه اتحدیه اروپا

ASUSTek Computer Inc. اینجدا اعلام می کند که این دستگاه با نیازهای اساسی و سایر مقررات مربوط به باینه اتحدیه اروپا 2014/53/EU مطابقت دارد. متن کامل بیعتی اروپا در این آدرس موجود است: <https://www.asus.com/support/>.

Wi-Fi، der bruger 5150-5350 MHz skal begrænses til indendørs brug i lande, der er anført i tabellen:  
کشورهای فهرست شده در جدول، باید برای استفاده در فضای داخلی ساختمان برای کشور های فهرست شده در جدول، محدود شود.

- دستگاه های Wi-Fi با توان برقی کم (LPI) در فضای درسته:  
این دستگاه تنها زمانی که در محدوده فرکانس 5945 تا 6425 مگاهرتز در این کشورها (BE)، بلغارستان (BG)، قبرس (CY)، فرانسه (FR)، ایسلند (IS)، ایرلند (IE)، ایالات متحده آمریکا (DE)، دانمارک (NL)، اسپانیا (ES) استفاده می شود محدود به کارکرد در فضای درسته نیست؛ بزرگ (CY) قوس (IS)، ایسلند (FR)، فرانسه (EE)، ایستونی (CZ)، جمهوری چک (IE) ایرلند (NL)، اسپانیا (ES).
- دستگاه های Wi-Fi با توان برقی بسیار کم (VLP) (دستگاه های قابل جابجایی):  
این دستگاه زمانی که در محدوده فرکانس 5945 تا 6425 مگاهرتز کار می کند مجاز به بلغارستان (BG)، ایسلند (FR)، فرانسه (EE)، ایستونی (CZ)، جمهوری چک (CY) قوس (BG) (IS)، ایسلند (FR)، فرانسه (EE)، ایستونی (CZ)، جمهوری چک (CY) قوس (BG) (IS)، ایسلند (FR)، فرانسه (EE)، ایستونی (CZ)، جمهوری چک (CY) ایرلند (NL)، اسپانیا (ES).

## Αποστομένη Δήλωση Συμμόρφωσης ΕΕ

Διά του παρόντος η ASUSTek Computer Inc. δηλώνει ότι αυτή η συσκευή είναι σύμμορφη με τις βασικές προϋποθέσεις και άλλες σχετικές διατάξεις της ΕΕ Οδηγίας 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης της ΕΕ είναι διαθέσιμο στη διεύθυνση <https://www.asus.com/support/>.

To WiFi που λειτουργεί στη ζώνη 5150-5350MHz περιορίζεται για χρήση σε εσωτερικούς χώρους για τις χώρες που αναφέρονται στον παρακάτω πίνακα:

- Συσκευές Wi-Fi χαμηλής ισχύος για εσωτερικούς χώρους (LPI):  
Η συσκευή περιορίζεται σε χρήση σε εσωτερικούς χώρους μόνο όταν λειτουργεί στο εύρος συχνοτήτων 5945 έως 6425 MHz στο Βέλγιο (BE), τη Βουλγαρία (BG), την Κύπρο (CY), την Τσεχική Δημοκρατία (CZ), την Εσθονία (EE), τη Γαλλία (FR), την Ισπανία (IS), την Ιρλανδία (IE), τη Λιθουανία (LT), τη Γερμανία (DE), την Ολλανδία (NL), την Ισπανία (ES).
- Συσκευές Wi-Fi πολύ χαμηλής ισχύος (VLP) (φορητές συσκευές):  
Η συσκευή δεν επιτρέπεται να χρησιμοποιείται σε μη επιανδρωμένα συστήματα αεροσκαφών (UAS) όταν λειτουργεί στο εύρος συχνοτήτων 5945 έως 6425 MHz στο Βέλγιο (BE), τη Βουλγαρία (BG), την Κύπρο (CY), την Τσεχική Δημοκρατία (CZ), την Εσθονία (EE), τη Γαλλία (FR), την Ισπανία (IS), την Ιρλανδία (IE), τη Λιθουανία (LT), τη Γερμανία (DE), την Ολλανδία (NL), την Ισπανία (ES).

## הצרת האימות רגולטורית מקוצרת עבור האיחוד אירופי

ASUSTek Computer Inc. מהירה בזאת כי מעטיר זה תואם לדרישות היזויות ולשאר המעייפס הרגולטוריים של תקנה ה-2014/53/UE ניתן לקרוא את הסומו המולו של הצרת התאימות הרגולטורית עובו האיחוד האירופי בכתובת: <https://www.asus.com/support/>.

יש להבילי רשותות Wi-Fi הפועלות ברצועות ההדרים 5150-5350MHz שישמשו בתור מבנים סגורים בארצות המפורסות ברשימה הבאה:

- מכשירי Wi-Fi לביית הבוסק (LPI) Wi-Fi:
  - המכשיר מוגבל לשימוש פנימי בלבד בשימוש בסווחו הדרים 5945 עד 6425MHz (BE), בבלגיה (BG), בולגריה (BG), צ'כיה (CZ), צ'כיה (CY), צ'כיה (EE), אסטוניה (EE), גרפת (FR), איטליה (IS), אירלנד (IE), ליטא (LT), הולנד (NL), ספרד (ES).
- מכשירי Wi-Fi בהוסק מנוון מודו (VLP) (ממשירי ייזום):
  - שימוש בסווח (UAS) המכשיר אסווח לשימוש במבורת של מוסווח ליו איו סיוס 6425 עד 5945MHz (BE), בבלגיה (BG), בולגריה (BG), צ'כיה (CZ), צ'כיה (CY), צ'כיה (EE), אסטוניה (EE), גרפת (FR), איטליה (IS), אירלנד (IE), ליטא (LT), הולנד (NL), ספרד (ES).

### Egyeszerített EU megfelelési nyilatkozat

Az ASUSTek Computer Inc. ezennel kijelenti, hogy ez az eszköz megfelel az 2014/53/UE sz. irányelv alapvető követelményeinek és egyéb vonatkozó rendelkezéseinek. Az EU megfelelőségi nyilatkozat teljes szövegét a következő weboldalon tekintheti meg: <https://www.asus.com/support/>.

Az 5150-5350 MHz-es sávban működő Wi-Fi-t beltéri használatra kell korlátozni az alábbi táblázatban felsorolt országokban:

- Kis fogyasztású beltéri (LPI) Wi-Fi eszközök:
  - A készülék csak beltéri használatra korlátozódik, ha az 5945-6425 MHz-es frekvenciatarományban működik Belgiumban (BE), Bulgáriában (BG), Cipruson (CY), a Cseh Köztársaságban (CZ), Észtországban (EE), Franciaországban (FR), Izlandon (IS), Írországban (IE), Litvánianban (LT), Németországban (DE), Hollandiában (NL), illetve Spanyolországban (ES).
- Nagyon kis fogyasztású (VLP) Wi-Fi eszközök (hordozható eszközök):
  - A készülék nem használható pilóta nélküli légi járműveken (UAS) az 5945-6425 MHz-es frekvenciatarományban Belgiumban (BE), Bulgáriában (BG), Cipruson (CY), a Cseh Köztársaságban (CZ), Észtországban (EE), Franciaországban (FR), Izlandon (IS), Írországban (IE), Litvánianban (LT), Németországban (DE), Hollandiában (NL), illetve Spanyolországban (ES).

### Pernyataan Kesesuaian EU yang Disederhanakan

ASUSTek Computer Inc. dengan ini menyatakan bahwa perangkat ini memenuhi persyaratan utama dan ketentuan relevan lainnya yang terdapat pada Peraturan 2014/53/UE. Teks lengkap pernyataan kesesuaian EU tersedia di: <https://www.asus.com/support/>.

WiFi yang Beroperasi pada 5150-5350 MHz akan terbatas untuk penggunaan dalam ruangan di negara yang tercantum dalam tabel

- Perangkat Wi-Fi Dalam Ruangan Daya Rendah (LPI):
  - Perangkat ini dibatasi untuk digunakan di dalam ruangan, hanya jika beroperasi dalam kisaran frekuensi 5945 hingga 6425 MHz di Belgia (BE), Bulgaria (BG), Siprus (CY), Republik Ceko (CZ), Estonia (EE), Prancis (FR), Islandia (IS), Irlandia (IE), Lithuania (LT), Jerman (DE), Belanda (NL), Spanyol (ES).
- Perangkat Wi-Fi Daya Sangat Rendah (VLP):
  - Perangkat ini tidak diizinkan untuk digunakan dalam Sistem Pesawat Tanpa Awak (UAS) jika beroperasi dalam kisaran frekuensi 5945 hingga 6425 MHz di Belgia (BE), Bulgaria (BG), Siprus (CY), Republik Ceko (CZ), Estonia (EE), Prancis (FR), Islandia (IS), Irlandia (IE), Lithuania (LT), Jerman (DE), Belanda (NL), Spanyol (ES).

### Vienkāršota ES atbilstības paziņojums

ASUSTek Computer Inc. ar šo paziņo, ka šī ierīce atbilst Direktīvas 2014/53/ES būtiskajām prasībām un citiem citiem saistošajiem nosaucumiem. Pilns ES atbilstības paziņojuma teksts pieejams šeit: <https://www.asus.com/support/>.

Wi-Fi darbība 5150–5350 MHz ir jāierobežo lietošanai telpās valstīs, kuras norādītas tālāk.

- Zema enerģijas patēriņa iekārtu (LPI) Wi-Fi ierīces:
  - Ierīce ir paredzēta lietošanai telpās tikai tad, ja tā darbojas 5945 līdz 6425 MHz frekvencu diapazonā Belgijā (BE), Bulgārijā (BG), Kiprā (CY), Čehijā (CZ), Igaunijā (EE), Francijā (FR), Islandijā (IS), Irānijā (IE), Lietuvā (LT), Vācijā (DE), Nīderlandē (NL), Spānijā (ES).
- Ļoti zema enerģijas patēriņa iekārtu (VLP) Wi-Fi ierīces:
  - Ierīci nav atļauts izmantot bezpilota gaisa kuģu sistēmās (UAS), ja tā darbojas 5945 līdz 6425 MHz frekvencu diapazonā Beļģijā (BE), Bulgārijā (BG), Kiprā (CY), Čehijā (CZ), Igaunijā (EE), Francijā (FR), Islandijā (IS), Irānijā (IE), Lietuvā (LT), Vācijā (DE), Nīderlandē (NL), Spānijā (ES).

## Supaprastinta ES atitikties deklaracija

Šiame dokumente bendrovė „ASUSTek Computer Inc“ pareiškia, kad šis prietaisas atitinka pagrindinius reikalavimus ir kitas susijusias Direktyvos 2014/53/ES nuostatas. Visas ES atitikties deklaracijos tekstas pateikiama čia: <https://www.asus.com/support/>.

Toliau nurodytose šalyse „WiFi“ ryšiu, veikiančiu 5 150-5 350 MHz dažnio juostoje, galima naudotis tik patalpose:

- Mažos galios, patalpose naudojami (angl. Low Power Indoor – LPI) „Wi-Fi“ įrenginiai:
  - Šį įrenginį galima naudoti tik patalpoje, kai jis veikia 5 945-6 425 MHz dažnių diapazone Belgijoje (BE), Bulgarijoje (BG), Kipre (CY), Čekijoje (CZ), Estijoje (EE), Prancūzijoje (FR), Islandijoje (IS), Airijoje (IE), Lietuvoje (LT), Vokietijoje (DE), Nyderlanduose (NL), Ispanijoje (ES).
- Labai mažos, patalpose naudojami (angl. Very Low Power – VLP) „Wi-Fi“ įrenginiai (nešiojamieji įrenginiai):
  - Šio įrenginio neleidžiama naudoti bepilčių orlaivii sistemose (UAS), kai jis veikia 5 945-6 425 MHz dažnių diapazone Belgijoje (BE), Bulgarijoje (BG), Kipre (CY), Čekijoje (CZ), Estijoje (EE), Prancūzijoje (FR), Islandijoje (IS), Airijoje (IE), Lietuvoje (LT), Vokietijoje (DE), Nyderlanduose (NL), Ispanijoje (ES).

## Forenklet UAS-samsvarserklæring

ASUSTek Computer Inc. erklærer herved at denne enheten er i samsvar med hovedsaklige krav og andre relevante forskrifter i direktivet 2014/53/UE. Fullstendig tekst for EU-samsvarserklæring finnes på: <https://www.asus.com/support/>.

Wi-Fi-området 5150–5350 MHz skal begrenses til innendørs bruk for landene som er oppført i tabellen:

- Lavstrøms innendørs (LPI) Wi-Fi-enheter:
  - Enheten er begrenset til kun innendørs bruk når den brukes i frekvensområdet 5945 til 6425 MHz i Belgia (BE), Bulgaria (BG), Kypros (CY), Tsjekia (CZ), Estland (EE), Frankrike (FR), Island (IS), Irland (IE), Litauen (LT), Tyskland (DE), Nederland (NL) og Spania (ES).
- Veldig lavstrøms (VLP) Wi-Fi-enheter (berørbare enheter):
  - Enheten får ikke brukes på ubemannede flysystemer (UAS) når den brukes i frekvensområdet 5945 til 6425 MHz i Belgia (BE), Bulgaria (BG), Kypros (CY), Tsjekia (CZ), Estland (EE), Frankrike (FR), Island (IS), Irland (IE), Litauen (LT), Tyskland (DE), Nederland (NL) og Spania (ES).

## Uproszczona deklaracja zgodności UE

Firma ASUSTek Computer Inc. niniejszym oświadcza, że urządzenie to jest zgodne z zasadniczymi wymogami i innymi właściwymi postanowieniami dyrektywy 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod adresem <https://www.asus.com/support/>.

W krajach wymienionych w tabeli działanie sieci Wi-Fi w paśmie 5150–5350 MHz powinno być ograniczone wyłącznie do pomieszczeń:

- Urządzenia Wi-Fi o niskim poziomie mocy w pomieszczeniach (LPI):
  - W Belgii (BE), Bułgarii (BG), Cyprze (CY), Czechach (CZ), Estonii (EE), Francji (FR), Islandii (IS), Irlandii (IE), Litwie (LT), Niemczech (DE), Holandii (NL) i Hiszpanii (ES) działanie urządzenia w zakresie częstotliwości od 5945 do 6425 MHz jest ograniczone do użytku wewnątrz pomieszczeń.
- Urządzenia Wi-Fi o bardzo niskim poziomie mocy (VLP) (urządzenia przenośne):
  - W Belgii (BE), Bułgarii (BG), Cyprze (CY), Czechach (CZ), Estonii (EE), Francji (FR), Islandii (IS), Irlandii (IE), Litwie (LT), Niemczech (DE), Holandii (NL) i Hiszpanii (ES) urządzenie działające w zakresie częstotliwości od 5945 do 6425 MHz nie może być używane w bezzałogowych systemach latających (UAS).

## Declaración de Conformidad Simplificada da UE

A ASUSTek Computer Inc. declara que este dispositivo está en conformidade com os requisitos essenciais e outras disposições relevantes da Diretiva 2014/53/UE. O texto integral da declaração de conformidade da UE está disponível em <https://www.asus.com/support/>.

A utilização das frequências WiFi de 5150 a 5350MHz está restrita a ambientes interiores nos países apresentados na tabela:

- Dispositivos Wi-Fi de interior de baixa potência (LPI):
  - O dispositivo restringe-se à utilização em locais interiores apenas quando funcionar na gama de frequências de 5945 a 6425 MHz na Bélgica (BE), Bulgária (BG), Chipre (CY), República Checa (CZ), Estónia (EE), França (FR), Islândia (IS), Irlanda (IE), Lituânia (LT), Alemanha (DE), Países Baixos (NL), Espanha (ES).
- Dispositivos Wi-Fi de muito baixa potência (VLP) (dispositivos portáteis):
  - Não é permitida a utilização do dispositivo em veículos aéreos não tripulados (UAS) quando o mesmo funcionar na gama de frequências de 5945 a 6425 MHz na Bélgica (BE), Bulgária (BG), Chipre (CY), República Checa (CZ), Estónia (EE), França (FR), Islândia (IS), Irlanda (IE), Lituânia (LT), Alemanha (DE), Países Baixos (NL), Espanha (ES).

### Declaratie de conformitate UE, versiune simplificată

Prin prezenta, ASUSTek Computer Inc. declară că acest dispozitiv este în conformitate cu regulamentele esențiale și cu celelalte prevederi relevante ale Directivei 2014/53/UE. Textul complet al declarației de conformitate UE este disponibil la adresa <https://www.asus.com/support/>.

Pentru țările listate în tabelul de mai jos, rețelele WiFi care funcționează în banda de frecvență de 5.150-5.350 MHz trebuie utilizate doar în interior:

- Dispozitive Wi-Fi cu consum redus de energie pentru interior (LPI): Dispozitivul este restricționat pentru utilizare exclusivă în interior atunci când funcționează în gama de frecvențe de la 5945 la 6425 MHz în Belgia (BE), Bulgaria (BG), Cipru (CY), Republica Cehă (CZ), Estonia (EE), Franța (FR), Islanda (IS), Irlanda (IE), Lituania (IE), Germania (DE), Țările de Jos (NL), Spania (ES).
- Dispozitive Wi-Fi de foarte mică putere (VLP) (dispozitive portabile): Nu este permisă utilizarea dispozitivului pe sisteme de aeronave fără pilot la bord (UAS) atunci când funcționează în gama de frecvențe 5945-6425 MHz în Belgia (BE), Bulgaria (BG), Cipru (CY), Republica Cehă (CZ), Estonia (EE), Franța (FR), Islanda (IS), Irlanda (IE), Lituania (LT), Germania (DE), Țările de Jos (NL), Spania (ES).

### Pejednostavljena Deklaracija o usaglasnosti EU

ASUSTek Computer Inc. ovim izjavljuje da je ovaj uređaj usaglasan sa osnovnim zahtevima i drugim relevantnim odredbama Direktive 2014/53/EU. Ceo tekst Deklaracije o usaglasnosti EU dostupan je na lokaciji <https://www.asus.com/support/>.

WiFi koji radi u frekventnom opsegu od 5150 MHz do 5350 MHz ograničen je isključivo na upotrebu u zatvorenom prostoru za zemlje navedene u tabeli ispod:

- Wi-Fi uređaji s niskom potrošnjom za zatvoreni prostor (LPI): Ovaj uređaj je ograničen na upotrebu samo u zatvorenom prostoru kada radi u frekventnom opsegu od 5945 do 6425 MHz u Belgiji (BE), Bugarskoj (BG), Cipru (CY), Češkoj Republici (CZ), Estoniji (EE), Francuskoj (FR), Islandu (IS), Irskoj (IE), Litvaniji (LT), Nemačkoj (DE), Holandiji (NL), Španiji (ES).
- Wi-Fi uređaji s veoma niskom potrošnjom (VLP) (prenosivi uređaji): Nije dozvoljeno da se ovaj uređaj koristi na sistemima bespilnotnih letelica (UAS) kada radi u frekventnom opsegu od 5945 do 6425 MHz u Belgiji (BE), Bugarskoj (BG), Cipru (CY), Češkoj Republici (CZ), Estoniji (EE), Francuskoj (FR), Islandu (IS), Irskoj (IE), Litvaniji (LT), Nemačkoj (DE), Holandiji (NL), Španiji (ES).

### Zjednodušené vyhlásenie o zhode podľa prvého písm. EU

Spoločnosť ASUSTek Computer Inc. týmto vyhlasuje, že toto zariadenie je v súlade so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice č. 2014/53/EU. Plné znenie vyhlásenia o zhode prvého písm. EU je k dispozícii na lokalite <https://www.asus.com/support/>.

Činnosť WiFi v pásme 5150 - 5350 MHz bude obmedzená na použitie vo vnútornom prostredí pre krajiny uvedené v tabuľke nižšie:

- Zariadenia s Wi-Fi s nízkym výkonom určené do vnútorného prostredia (LPI): Toto zariadenie je obmedzené len na použitie vo vnútornom prostredí pri prevádzke vo frekvenčnom pásme 5945 až 6425 MHz v Belgicku (BE), Bulharsku (BG), na Cypre (CY), v Českej republike (CZ), Estónsku (EE), vo Francúzsku (FR), na Islande (IS), v Írsku (IE), Litve (LT), Nemecku (DE), Holandsku (NL), Španielsku (ES).
- Zariadenia s Wi-Fi s veľmi nízkym výkonom (VLP) (prenosné zariadenia): Toto zariadenie sa nesmie používať v bezpilotných leteckých systémoch (UAS) pri prevádzke vo frekvenčnom pásme 5945 až 6425 MHz v Belgicku (BE), Bulharsku (BG), na Cypre (CY), v Českej republike (CZ), Estónsku (EE), vo Francúzsku (FR), na Islande (IS), v Írsku (IE), Litve (LT), Nemecku (DE), Holandsku (NL), Španielsku (ES).

### Peonstavljena izjava EU o skladnosti

ASUSTek Computer Inc. tukaj izjavlja, da je ta naprava skladna s temeljnimi zahtevami in drugimi relevantnimi določili Direktive 2014/53/EU. Polno besedilo izjave EU o skladnosti je na voljo na <https://www.asus.com/support/>.

WiFi, ki deluje v pasovnem območju 5150-5350 MHz, mora biti v državah, navedenih v spodnjem seznamu, omejen na notranjo uporabo:

- Notranje naprave z nizko močjo (LPI) Wi-Fi: Naprava je omejena na uporabo v zaprtih prostorih, kadar deluje v frekvenčnem območju 5945 do 6425 MHz v Belgiji (BE), Bolgariji (BG), na Cipru (CY), Češkem (CZ), v Estoniji (EE), Franciji (FR), na Islandiji (IS), Irskem (IE), v Litvi (LT), Nemčiji (DE), na Nizozemskem (NL) in Španiji (ES).
- Naprave z zelo nizko močjo (VLP) Wi-Fi (prenosne naprave): Naprave ni dovoljeno uporabljati v sistemih brezpilotnih zrakoplovov (UAS), kadar delujejo v frekvenčnem območju 5945 do 6425 MHz v Belgiji (BE), Bolgariji (BG), na Cipru (CY), Češkem (CZ), v Estoniji (EE), Franciji (FR), na Islandiji (IS), Irskem (IE), v Litvi (LT), Nemčiji (DE), na Nizozemskem (NL), in Španiji (ES).

### Declaración de conformidad simplificada para la UE

Por la presente, ASUSTek Computer Inc. declara que este dispositivo cumple los requisitos básicos y otras disposiciones pertinentes de la directiva 2014/53/UE. En <https://www.asus.com/support/> está disponible el texto completo de la declaración de conformidad para la UE.

La conexión WiFi con una frecuencia de funcionamiento de 5150-5350 MHz se restringirá al uso en interiores para los países enumerados en la tabla:

- Dispositivos con Wi-Fi de baja potencia para interiores (LPI): El dispositivo está restringido al uso en interiores únicamente cuando funciona en el intervalo de frecuencias de 5945 a 6425 MHz en Bélgica (BE), Bulgaria (BG), Chipre (CY), República Checa (CZ), Estonia (EE), Francia (FR), Islandia (IS), Irlanda (IE), Lituania (LT), Alemania (DE), Países Bajos (NL) y España (ES).
- Dispositivos con Wi-Fi de muy baja potencia (VLP) (dispositivos portátiles): No está permitido usar el dispositivo en sistemas de aeronaves no tripuladas cuando funciona en el intervalo de frecuencias de 5945 a 6425 MHz en Bélgica (BE), Bulgaria (BG), Chipre (CY), República Checa (CZ), Estonia (EE), Francia (FR), Islandia (IS), Irlanda (IE), Lituania (LT), Alemania (DE), Países Bajos (NL) y España (ES).

### Förenklad EU-försäkran om överensstämmelse

ASUSTek Computer Inc. deklarerar härmed att denna enhet överensstämmer med de grundläggande kraven och andra relevanta bestämmelser i direktiv 2014/53/EU. Fullständig text av EU-försäkran om överensstämmelse finns på <https://www.asus.com/support/>.

WiFi som använder 5150-5350 MHz kommer att begränsas för användning inomhus i de länder som anges i tabellen:

- Wi-Fi-enheter med låg effekt inomhus (LPI): Enheten är begränsad till användning inomhus enbart när den använder 5 945 till 6 425 MHz frekvensband i Belgien (BE), Bulgarien (BG), Cypern (CY), Tjeckien (CZ), Estland (EE), Frankrike (FR), Island (IS), Irland (IE), Litauen (LT), Tyskland (DE), Nederländerna (NL), Spanien (ES).
- Wi-Fi-enheter med mycket låg effekt (VLP) (bärbara enheter): Enheten får inte användas på obemannade luftfartyg (UAS) när den använder 5 945 till 6 425 MHz frekvensband i Belgien (BE), Bulgarien (BG), Cypern (CY), Tjeckien (CZ), Estland (EE), Frankrike (FR), Island (IS), Irland (IE), Litauen (LT), Tyskland (DE), Nederländerna (NL), Spanien (ES).

### ประกาศเกี่ยวกับความสอดคล้องของสหภาพยุโรปแบบ

ASUSTek Computer Inc. ขอประกาศในที่นี้ว่าอุปกรณ์นี้มีความสอดคล้อง

กับ

ข้อกำหนดที่จำเป็นและข้อใช้ที่เกี่ยวข้องอื่น ๆ ของบทบัญญัติสหภาพ

2014/53/UE เกี่ยวกับสมรรถนะของประกาศความสอดคล้องกัน EU มีอยู่ที่

<https://www.asus.com/support/>

การทำงานของ WiFi ที่ 5150-5350MHz ถูกจำกัดให้ใช้ในอาคารสำหรับประเภท

ที่แสดงในตาราง

- อุปกรณ์ในอาคารพลังงานต่ำ (LPI) Wi-Fi: อุปกรณ์นี้จำกัดให้ใช้เฉพาะภายในอาคารเท่านั้น เมื่อใช้งานที่ช่วงความถี่ 5945 ถึง 6425 MHz ในเบลเยียม (BE), บัลแกเรีย (BG), ไทเป (CY), สาธารณรัฐเช็ก (CZ), เอสโตเนีย (EE), ฝรั่งเศส (FR), ไอซ์แลนด์ (IS), ไอร์แลนด์ (IE), ลิทัวเนีย (LT), เยอรมนี (DE), เนเธอร์แลนด์ (NL), สเปน (ES)
- อุปกรณ์พลังงานต่ำมาก (VLP) Wi-Fi (อุปกรณ์พกพา): ไม่อนุญาตให้ใช้อุปกรณ์นี้กับอากาศยานไร้คนขับ (UAS) เมื่อใช้งานที่ช่วงความถี่ 5945 ถึง 6425 MHz ในเบลเยียม (BE), บัลแกเรีย (BG), ไทเป (CY), สาธารณรัฐเช็ก (CZ), เอสโตเนีย (EE), ฝรั่งเศส (FR), ไอซ์แลนด์ (IS), ไอร์แลนด์ (IE), ลิทัวเนีย (LT), เยอรมนี (DE), เนเธอร์แลนด์ (NL), สเปน (ES)

### Bastitsetlinimis AB Uyumluluk Bildirimi

ASUSTek Computer Inc., bu aygıtın 2014/53/UE Yönergesinin temel gereksinimlerine ve diğer ilgili hükümlerine uygun olduğunu bildirir. AB uyumluluk bildiriminin tam metni şu adreste bulunabilir: <https://www.asus.com/support/>.

5150-5350 MHz aralığında WiFi çalışması, tablodaki listelenen ülkeler için iç mekan kullanımıyla sınırlıdır.

5150-5350 MHz aralığında WiFi çalışması, tablodaki listelenen ülkeler için iç mekan kullanımıyla sınırlıdır.

- Düşük Güç İç Mekan (LPI) Wi-Fi cihazlar: Belgika (BE), Bulgaristan (BG), Kıbrıs (CY), Çek Cumhuriyeti (CZ), Estonya (EE), Fransa (FR), İzlanda (IS), İrlanda (IE), Litvanya (LT), Almanya (DE), Hollanda (NL), İspanya (ES) (da 5945 ila 6425 MHz frekans aralığında çalışırken cihaz yalnızca iç mekanda kullanılmıdır).
- Çok Düşük Güç (VLP) Wi-Fi cihazları (taşınabilir cihazlar): Belgika (BE), Bulgaristan (BG), Kıbrıs (CY), Çek Cumhuriyeti (CZ), Estonya (EE), Fransa (FR), İzlanda (IS), İrlanda (IE), Litvanya (LT), Almanya (DE), Hollanda (NL), İspanya (ES) (da 5945 ila 6425 MHz frekans aralığında çalışırken cihazın İnsansız Hava Aracı Sistemleri (UAS)'ta kullanılmı izini değildir).

### Спроцена декларация по відповідність нормам ЄС

ASUSTek Computer Inc. заявляє, що цей пристрій відповідає основним вимогам та іншим відповідним вимогам Директиви 2014 / 53 / EU. Повний текст декларації відповідності нормам ЄС доступний на <https://www.asus.com/support/>.

Робота Wi-Fi на частоті 5150-5350 МГц обмежується використанням у приміщенні для країн, поданих у таблиці нижче:

- a. Пристрої низької потужності для приміщень (LPI) Wi-Fi:  
Використання пристрою обмежено лише приміщенням із діапазоном частот від 5945 МГц до 6425 МГц у Бельгії (BE), Болгарії (BG), на Кіпрі (CY), у Чеській Республіці (CZ), Естонії (EE), Франції (FR), Ісландії (IS), Ірландії (IE), Литві (LT), Німеччині (DE), Нідерландах (NL), Іспанії (ES).
- b. Пристрої дуже низької потужності (VLP) Wi-Fi (портативні пристрої):  
Використання пристрою не дозволено на безпілотних літальних апаратах (UAS) із діапазоном частот від 5945 МГц до 6425 МГц у Бельгії (BE), Болгарії (BG), на Кіпрі (CY), у Чеській Республіці (CZ), Естонії (EE), Франції (FR), Ісландії (IS), Ірландії (IE), Литві (LT), Німеччині (DE), Нідерландах (NL), Іспанії (ES).



AT	BE	BG	CZ	DK	EE	FR
DE	IS	IE	IT	EL	ES	CY
LV	LI	LT	LU	HU	MT	NL
NO	PL	PT	RO	SI	SK	TR
FI	SE	CH	HR	UK(NI)		

**CE RED RF Output table (Directive 2014/53/EU)**  
Model: MT7925B22M

Function	Frequency	Maximum Output Power (EIRP)
WiFi	2412 - 2472 MHz	19 dBm
	5150 - 5350 MHz	21 dBm
	5470 - 5725 MHz	21 dBm
	5725 - 5850 MHz	12 dBm
	5945 - 6425 MHz	21 dBm
Bluetooth	2402 - 2480 MHz	13 dBm

\* Receiver Category 1

ASUS V-M.2 PCIe WiFi CARD / 802.11ac  
9000 series only  
Contains  
Model: MT7925B22M  
FCC ID: R43-A177925B22M  
CMIIT ID: 2023AJ12555(M)  
IC: 7542A-MT7925B22M  
ANATEL: 17597-02-048765

CCAI23Y10100T7

CE mark

ICASA APPROVED

Complies with IMDA Standards DB103778

UK CA R-NZ

PL-C-MID6-MT7925B22M  
03 050-230243  
02 020300640200  
電器工業株式會社  
無線機器部  
無線機器部  
無線機器部

# Warranty

## EN: ASUS Guarantee Information

- ASUS offers a voluntary manufacturer's Commercial Guarantee.
- ASUS reserves the right to interpret the provisions of the ASUS Commercial Guarantee.
- This ASUS Commercial Guarantee is provided independently and in addition to the statutory Legal Guarantee and in no way affects or limits the rights under the Legal Guarantee.

For all the guarantee information, please visit <https://www.asus.com/support>.

## FR: Garantie ASUS

- ASUS fournit une garantie commerciale en tant que garantie volontaire du fabricant.
- ASUS se réserve le droit d'interpréter et de clarifier les informations relatives à la garantie commerciale ASUS.
- Cette garantie commerciale ASUS est fournie indépendamment et parallèlement à la garantie légale, elle n'affecte ou ne limite d'aucune façon les droits acquis par la garantie légale.

Pour plus d'informations sur la garantie, consultez le site <https://www.asus.com/fr/support/>.

## G: ASUS Garantieinformation

- ASUS bietet eine freiwillige Warengarantie des Herstellers an.
- ASUS behält sich das Recht zur Auslegung der Bestimmungen in der ASUS Warengarantie vor.
- Diese ASUS Warengarantie wird unabhängig und zusätzlich zur rechtmaßigen gesetzlichen Garantie gewährt und beeinträchtigt oder beschränkt in keiner Weise die Rechte aus der gesetzlichen Garantie.

Die vollständigen Garantieinformationen finden Sie unter <https://www.asus.com/de/support/>.

## I: Informativa sulla Garanzia ASUS

- ASUS offre una Garanzia Commerciale volontaria del produttore.
- ASUS si riserva il diritto di interpretare le disposizioni della Garanzia Commerciale ASUS.
- La presente Garanzia Commerciale ASUS viene fornita in modo indipendente e in aggiunta alla Garanzia Legale prevista per legge e non pregiudica o limita in alcun modo i diritti previsti dalla Garanzia Legale.

Per tutte le informazioni sulla garanzia, visitare <https://www.asus.com/it/support>.

## R: Информация о гарантии ASUS

- ASUS предлагает добровольную гарантию от производителя.
- ASUS оставляет за собой право интерпретирование положений гарантии ASUS.
- Настоящая гарантия ASUS никоим образом не ограничивает Ваши права, предусмотренные локальным законодательством.

Для получения полной информации о гарантии посетите <https://www.asus.com/ru/support/>.

## DA: ASUS garantioplysninger

- ASUS tilbyder en valgfri handelsmæssig garanti.
- ASUS forbeholder sig retten til at fortolke bestemmelserne i ASUS' handelsmæssige garanti.
- Denne handelsmæssige garanti fra ASUS tilbydes uafhængigt, som er tilføjeelse til den lovbestemte juridiske garanti og den påvirker eller begrænser på ingen måde rettighederne i den juridiske garanti.

Alle garantioplysningerne kan findes på <https://www.asus.com/dk/support/>.

## BG: Информация за гаранцията от ASUS

- ASUS предлага доброволна търговска гаранция от производителя.
- ASUS си запазва правото да тълкува условията на търговската гаранция на ASUS.
- Тази търговска гаранция на ASUS се предлага независимо от и в допълнение на законовата гаранция. Тя по никакъв начин не оказва влияние върху правата на потребителя в законовата гаранция и по никакъв начин не ги ограничава.

За цялостна информация относно гаранцията, моля, посетете <https://www.asus.com/bg/support>.

## CZ: Informace o záruce společnosti ASUS

- Společnost ASUS nabízí dobrovolnou komerční záruku výrobce.
- Společnost ASUS si vyhrazuje právo vykládat ustanovení komerční záruky společnosti ASUS.
- Tato komerční záruka společnosti ASUS je poskytována nezávisle a jako doplněk zákonné záruky a žádným způsobem neovlivňuje ani nemožuje práva vyplývající ze zákonné záruky.

Všechny informace o záruce najdete na adrese <https://www.asus.com/cz/support/>.

## CR: Informacije o ASUS jamstvu

- ASUS dragovaljno nudi komercijalno proizvođačko jamstvo.
- ASUS zadržava prava na tumačenje odredbi ASUS komercijalnog jamstva.
- Ovo ASUS komercijalno jamstvo daje se neovisno i kao dodatak zakonskom jamstvu i ni na koji način ne ograničuje prava iz okvira zakonskog jamstva.

Sve informacije o jamstvu potražite na <https://www.asus.com/support>.

## DU: ASUS-garantie-informatie

- SUS biedt een vrijwillige commerciële garantie van de fabrikant.
- ASUS behoudt zich het recht voor om de bepalingen van de commerciële garantie van ASUS uit te leggen.
- Deze commerciële garantie van ASUS wordt onafhankelijk en als aanvulling op de statutaire Wettelijke garantie geboden en beïnvloedt of beperkt in geen geval de rechten onder de wettelijke garantie.

Voor alle informatie over de garantie, gaat u naar <https://www.asus.com/nl/support/>.

## EE: Teave ASUS-e garantii kohta

- ASUS pakub vabatahtlikku tasulist tootjagarantiid.
- ASUS jätab endale õiguse tõlgendada ASUS-e tasulise garanti tingimusi.
- See ASUS-e tasuline garanti on sõltumatu lisagaranti seadusega kehtestatud garantiiga ega mõjuta mingil määral seadusega kehtestatud garantiid ning seadusega kehtestatud garanti piiranguid.

Vaadake garantiita seotud teavet veebisaidil <https://www.asus.com/ee/>.

## GK: Πληροφορίες εγγύησης ASUS

- Η ASUS προσφέρει μια εθελοντική Εμπορική εγγύηση κατασκευαστή.
- Η ASUS διατηρεί το δικαίωμα ερμηνείας των διατάξεων της Εμπορικής εγγύησης ASUS.
- Αυτή η Εμπορική εγγύηση ASUS παρέχεται ανεξάρτητα και επιπροσθέτως της θεσμικής Νομικής εγγύησης και σε καμία περίπτωση δεν επηρεάζει ή περιορίζει τα δικαιώματα βάσει της Νομικής εγγύησης.

Για όλες τις πληροφορίες εγγύησης, επισκεφθείτε τη διεύθυνση <https://www.asus.com/gr-el/>.

## HUG: ASUS garanciális információk

- Az ASUS önkéntes gyártói kereskedelmi garanciát kínál.
- Az ASUS fenntartja magának a jogot, hogy értelmezze az ASUS kereskedelmi garanciára vonatkozó rendelkezéseket.
- Ezt a kereskedelmi garanciát az ASUS függetlenül és a törvényes garancia mellett nyújtja és semmilyen módon nem befolyásolja, vagy korlátozza a jogi garancia nyújtotta jogokat.

A garanciára vonatkozó teljes körű információkért látogasson el a <https://www.asus.com/hu/support/oldala>.

## LV: ASUS garantijas informācija

- ASUS piedāvā brīvprātīgu ražotāja komerciālo garantiju.
- ASUS patur tiesības interpretēt ASUS komerciālās garantijas noteikumus.
- Šī ASUS komerciālā garantija tiek piedāvāta neatkarīgi un papildus likumā noteiktajai juridiskajai garantijai, un tā nekādā neietekmē vai neierobežo juridiskajai garantijai noteiktās tiesības.

Lai iegūtu informāciju par garantiju, apmeklējiet vietni <https://www.asus.com/lv/>.

## LT: Informacija apie ASUS garantiją

- ASUS siūlo savanorišką komercinę gamintojo garantiją.
- ASUS pasilieka teisę savo nuožūria aiškinti šios komercinės ASUS garantijos nuostatas.
- Ši komercinė ASUS garantija suteikiama nepriklausoma, be įstatymine teisine garantijos, ir jokiu būdu nepaveikia ar neapriboja teisine garantijos suteikiamų teisių.

Norėdami gauti visą informaciją apie garantiją, apsilankykite <https://www.asus.com/lt/>.

## PL: Informacje o gwarancji firmy ASUS

- Firma ASUS oferuje dobrowolną gwarancję handlową producenta.
- Firma ASUS zastrzega sobie prawo do interpretacji warunków gwarancji handlowej firmy ASUS.
- Niniejsza gwarancja handlowa firmy ASUS jest udzielana niezależnie, jako dodatek do wymaganej ustawowo gwarancji prawnej i w żaden sposób nie wpływa na prawa przysługujące na mocy gwarancji prawnej ani ich ogranicza.

Wszelkie informacje na temat gwarancji można znaleźć na stronie <https://www.asus.com/pl/support/>.

**PG: Informações de Garantia ASUS**

- A ASUS oferece uma Garantia Comercial voluntária do fabricante.
- A ASUS reserva o direito de interpretar as disposições da Garantia Comercial da ASUS.
- Esta Garantia Comercial da ASUS é fornecida de forma independente além da Garantia Legal estatutária e não afeta nem limita de qualquer forma os direitos estabelecidos na Garantia Legal.

Para consultar todas as informações sobre a garantia, visite <https://www.asus.com/pt/support/>.

**RO: Informații despre garanția ASUS**

- ASUS oferă o garanție comercială voluntară a producătorului.
- ASUS își rezervă dreptul de a interpreta prevederile garanției comerciale ASUS.
- Această garanție comercială ASUS este oferită independent și în plus față de garanția obligatorie legală și nu afectează sau limitează în niciun fel drepturile acordate conform garanției legale.

Pentru toate informațiile legate de garanție, vizitați <https://www.asus.com/ro/support>.

**SL: Informacije o garanciji ASUS**

- ASUS ponuja prostovoljno tržno garancijo proizvajalca.
- ASUS si pridržuje pravico do razlage določb tržne garancije družbe ASUS.
- Ta tržna garancija družbe ASUS je na voljo neodvisno in kot dodatek zakonsko predpisani pravni garanciji ter na noben način ne vpliva na pravice, ki jih zagotavlja pravna garancija, oziroma jih omejuje.

Vse informacije o garanciji najдете na spletnem mestu <https://www.asus.com/support>.

**SK: Informácie o záruke ASUS**

- ASUS ponúka dobrovoľnú obchodnú záruku výrobcu.
- ASUS si vyhradzuje právo interpretovať ustanovenia obchodnej záruky ASUS.
- Táto obchodná záruka ASUS je poskytnutá nezávisle a navyše k zákonnej záruke a v žiadnom prípade neovplyvňuje ani neobmedzuje tieto práva podľa tejto zákonnej záruky.

Všetky další informace o záruce najdete na <https://www.asus.com/sk/support>.

**ES: Información de garantía de ASUS**

- ASUS ofrece una garantía comercial voluntaria del fabricante.
- ASUS se reserva el derecho de interpretar las disposiciones de esta garantía comercial de ASUS.
- Esta garantía comercial de ASUS se proporciona de forma independiente y adicional a la garantía estatutaria y de ninguna manera afecta a los derechos bajo la garantía legal ni los limita.

Para obtener toda la información sobre la garantía, visite <https://www.asus.com/ES/support/>.

**TR: ASUS Garanti Bilgileri**

- ASUS, gönüllü olarak üretici Ticari Garantisi sunar.
- ASUS, ASUS Ticari Garantisinin hükümlerini yorumlama hakkını saklı tutar.
- Bu ASUS Ticari Garantisi, bağımsız olarak ve hukuki Yasal Garanti'ye ek olarak sağlanır ve hiçbir şekilde Yasal Garanti kapsamındaki hakları etkilemez veya sınırlamaz.

Tüm garanti bilgileri için lütfen <https://www.asus.com/tr/support> adresini ziyaret edin.

**FI: ASUS-takuutiedot**

- ASUS tarjoaa vapaaehtoisien valmistajan kaupallisen takuun.
- ASUS pidättää oikeuden tulkita ASUS-kaupallisen takuun ehdot.
- Tämä ASUS-kaupallinen takuu tarjotaan itsenäisesti lakisääteisen oikeudellisen takuun lisäksi eikä se vaikuta millään tavoin laillisen takuun oikeuksiin tai rajoita niitä.

Saadaksesi kaikki takuutiedot, siirry osoitteeseen <https://www.asus.com/fi/support>.

**NW: Informasjon om ASUS-garanti**

- ASUS tilbyr som produsent en frivillig kommersiell garanti.
- ASUS forbeholder seg retten til å tolke bestemmelsene i ASUS sin kommersielle garanti.
- ASUS sin kommersielle garanti gis uavhengig og i tillegg til den lovbestemte juridiske garantien, og verken påvirker eller begrenser rettighetene under den juridiske garantien på noen måte.

Du finner fullstendig informasjon om garanti på <https://www.asus.com/no/support/>.

**SB: Informacije o ASUS garanciji**

- ASUS nudi dobrovoljno proizvođačku komercijalnu garanciju.
- ASUS zadržava pravo da tumači odredbe svoje ASUS komercijalne garancije.
- Ova ASUS komercijalna garancija daje se nezavisno, kao dodatak zakonskoj pravnoj garanciji, i ni ka koji način ne utiče na i ne ograničava prava data pravnom garancijom.

Za sve informacije o garanciji, posetite <https://www.asus.com/support/>.

**SW: ASUS garantiinformation**

- ASUS erbjuder en frivillig kommersiell tillverkningsgaranti.
- ASUS förbehåller sig rätten att tolka bestämmelserna i ASUS kommersiella garanti.
- Denna kommersiella garanti från ASUS tillhandahålls separat och som tillägg till den lagstadgade garantin, och påverkar eller begränsar på intet sätt rättheterna under den lagstadgade garantin.

För all garantiinformation, besök <https://www.asus.com/se/support/>.

**UA: Інформація про Гарантію ASUS**

- ASUS пропонує добровільну Комерційну Гарантію виробника.
- ASUS застерігає за собою право тлумачити положення Комерційної Гарантії ASUS
- Цю Комерційну Гарантію надано незалежно і на додаток до обов'язкової Законної Гарантії; вона жодним чином не впливає на права за Законною гарантією і не обмежує їх.

Всі інформацію про гарантію подано тут:

<https://www.asus.com/ua/support>.

**MX: Garantía y Soporte**

Esta Garantía aplica en el país de compra. Usted acepta que en esta garantía:

- Los procedimientos de servicio pueden variar en función del país.
- Algunos servicios y/o piezas de reemplazo pudieran no estar disponibles en todos los países.
- Algunos países pueden tener tarifas y restricciones que se apliquen en el momento de realizar el servicio, visite el sitio de soporte de ASUS en <https://www.asus.com/mx/support/> para ver más detalles.
- Si tiene alguna queja o necesidad de un centro de reparación local o el periodo de garantía del producto ASUS, por favor visite el sitio de Soporte de ASUS en <https://www.asus.com/mx/support/> para mayores detalles.

**Información de contacto ASUS**

Esta garantía está respaldada por: ASUSTek Computer Inc. Centro de Atención ASUS +52 (55) 1946-3663

**BP: Informações de garantia ASUS**

Esta garantia aplica-se ao período definido pela garantia legal (90 dias) mais o período de garantia comercial oferecido pela ASUS. Por exemplo: 12M significa 12 meses de garantia no total (3 meses de garantia legal mais 9 meses de garantia contratual), 24 meses significa 24 meses de garantia no total (3 meses de garantia legal mais 21 meses de garantia contratual) e 36 meses significa 36 meses de garantia no total (3 meses de garantia legal e 33 de garantia contratual) a contar da data da garantia declarada (Data de Inicio da Garantia).

Para todas as informações de garantia, visite <https://www.asus.com/br/support/>.

**ID: Informasi Garansi ASUS**

Garansi ini berlaku di negara tempat pembelian.

Periode Garansi tertera pada kemasan/kotak dari Produk dan Masa Garansi dimulai sejak tanggal pembelian Produk ASUS dengan kondisi baru.

Silahkan pindai Kode di bagian bawah halaman terakhir untuk Kartu Garansi versi Web dalam format PDF untuk lebih informasi jelas mengenai jaminan garansi Produk ASUS.

- Informasi Dukungan ASUS, silakan kunjungi <https://www.asus.com/id/support>.
- Informasi Lokasi Layanan, silakan kunjungi <https://www.asus.com/id/support/Service-Center/Indonesia>.
- Layanan Call Center: 1500128

**VI: Thông tin đảm bảo của ASUS**

- ASUS cung cấp Bảo hành thương mại tự nguyện của nhà sản xuất.
- ASUS bảo lưu quyền giải thích các điều khoản của Bảo hành thương mại của ASUS.
- Bảo hành thương mại này của ASUS được cung cấp độc lập và ngoài Bảo đảm pháp lý theo luật định và không có cách nào ảnh hưởng đến hoặc giới hạn các quyền theo Bảo lãnh pháp lý. Để biết tất cả các tính tin bảo hành, vui lòng truy cập <https://www.asus.com/vn/support>



## ASUS contact information

### ASUSTeK COMPUTER INC.

Address: 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112

### ASUS COMPUTER INTERNATIONAL (America)

Address: 48720 Kato Rd., Fremont, CA 94538, USA

### ASUS COMPUTER GmbH (Germany and Austria)

Address: Harkortstrasse 21-23, 40880 Ratingen, Germany

### ASUSTeK (UK) LIMITED

Address: 1st Floor, Sackville House, 143-149 Fenchurch Street, London, EC3M 6BL, England, United Kingdom

## Service and Support

Visit our multi-language website at <https://www.asus.com/support>.



## Product Register

Log in and register your device for better product support.



